



State of California
The Resources Agency

Department of
Water Resources

Inventory of Instream Flow Requirements Related to Stream Diversions

Bulletin 216
December 1982

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ON THE COVER: Thermalito Diversion Dam (center), Thermalito Power Canal (left), the Feather River (foreground), and Lake Oroville (background) are all features of the State Water Project near Oroville. At Thermalito Diversion Dam, water from Lake Oroville is channeled to both the power canal and the Feather River. Hydroelectric power is generated at the canal. Flows released to the Feather River support fisheries and wildlife.

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Secretary for Resources

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Governor

Ronald B. Robie
Director

**The Resources
Agency**

**State of
California**

**Department of
Water Resources**

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D-001525

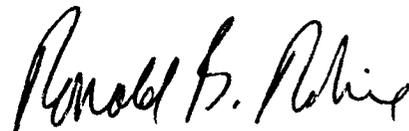
FOREWORD

The quantity and quality of water flowing in stream channels greatly influence fish and wildlife populations, riparian (streamside) vegetation, esthetics, and recreational values along rivers. Since excessive diversion of water from a stream can essentially kill it, legal measures in many areas require that a certain amount of water be left, or bypassed, in a stream, or at least returned to the stream after it has been used for other purposes, such as power production. In recent years, the bypass of instream flows has been legally required as a condition to acquiring appropriative water rights, Federal Energy Regulatory Commission licenses, and to a lesser degree, Bureau of Land Management and U. S. Forest Service Special Use Permits, etc.

Until now, finding out just what the specific streamflow requirements are has sometimes been difficult because the data are stored in various locations by a variety of agencies. This inventory has been compiled to streamline data retrieval by providing a single reference document that summarizes data on streamflow requirements for over 500 stream locations.

The information was gathered from the Environmental Services Branch of the Department of Fish and Game, the State Water Resources Control Board, the National Marine Fisheries Service, the U. S. Forest Service, the U. S. Fish and Wildlife Service, and the Department of Water Resources. Thousands of water rights were reviewed and checked for accuracy. Mapping was based on water rights documents, national forest maps, and topographic sheets of the U. S. Geological Survey.

This inventory of instream flows should be useful to a wide variety of people, including fish biologists, watermasters, game wardens, water and power project planners, water rights consultants, lawyers, land use managers, and water users. These and others interested in water development and stream habitat maintenance should find this compilation of particular value.



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INTRODUCTION

This report is an inventory of locations in California where water is legally required to flow past stream diversions for the benefit of fisheries, wildlife, and recreation. Streamflow quantities and the periods when they are required are described.

Information presented on tables and maps includes: diversion locations by waterway, section, township, and range; water rights applicants; water rights application numbers; Federal Energy Regulatory Commission (FERC) project numbers, and diversion names.

Information on streamflow requirements can be found by using two indexes. These indexes cross reference (1) the water rights application number to the location identity number, and (2) hydrologic units numbers to a map displaying site location.

Step-by-step procedures explain how best to use the indexes to retrieve data.

Although great effort has been made to provide a complete and up-to-date inventory, its accuracy cannot be guaranteed. Water rights change. New rights are created while old ones may be cancelled. Owners may change. Changes in physical characteristics such as points of diversion, place of use and amount of diversion may contribute to modification of instream flow requirements. Original water rights documents, FERC licenses, or special use permits should be consulted as necessary if absolute accuracy is required.

HOW INSTREAM FLOW REQUIREMENTS ARE DETERMINED AND ENFORCED

DEFINITION

Instream flows are waters flowing in a natural stream channel. These flows occurring in a stream (hence, "instream flows") vitally support fisheries, wildlife, recreation, and streamside vegetation. At dams, pumps, and other water diversion structures, bypass flows or releases of water into the stream below these structures are often required to sustain instream values. The contractually or legally required amount of water and its timing past the diversion structure to maintain instream values is the "instream flow requirement".

AUTHORITY FOR INSTREAM FLOW REQUIREMENTS

Protection of instream uses is a matter of State and Federal law. The California Water Code provides that fish, wildlife, and recreational uses are beneficial uses of water. The California Fish and Game Code declares that the protection and conservation of fish and wildlife resources are of utmost public interest, and recognizes the importance of commercial and sport uses as well as esthetic, scientific, and educational uses. The federal Fish and Wildlife Coordination Act (F&WCA) requires federal agencies to consider instream and environmental values in projects under the administrative or regulatory jurisdiction of federal agencies.

In granting water rights permits, the State Water Resources Control Board (SWRCB) may impose terms and conditions on the diversion and use of the water. Most permit terms and conditions specify requirements relating to: the quantity of water and times when it may be diverted; quantities of water and times when it must bypass the point of diversion for downstream water users; water quality; and stream protection and mitigation measures. These latter measures include fishway structures and instream flow requirements. Generally, a permit condition may be subsequently modified for instream protection only if the SWRCB has previously reserved jurisdiction specifically for that purpose.

The Department of Fish and Game's (DFG) role in the water rights permit application process is to evaluate the stream and the amount of water required for the preservation and enhancement of fish and wildlife resources. Frequently (70 to 80 percent of the water rights applications), DFG relies on the process of protesting these applications to gain leverage in obtaining suitable bypass flows. DFG resolves the protests by negotiating a settlement with the water rights applicant. These settlements are considered and often recognized by the SWRCB when determining the terms and conditions governing the diversions and use of water under the permit.

The California Environmental Quality Act (CEQA) of 1972 requires an environmental impact report to be prepared for projects which will have a significant adverse impact upon the environment, so that environmental values can enter into the decision-making process. In response to CEQA, project sponsors frequently employ consulting biologists to assess needs and impacts on fisheries. Prior to CEQA, these assessments were not always conducted.

Projects sponsored by or within the administrative or regulatory jurisdiction of federal agencies must comply with the National Environmental Policy Act (NEPA) and F&WCA. NEPA requires that the impacts of projects on the environment (including streams) must be assessed. The F&WCA requires that any federal agency involved in project planning or licensing must first consult with the U. S. Fish and Wildlife Service and with the appropriate state fish and wildlife agency on ways to conserve, develop, and improve wildlife resources. The agencies are required by F&WCA to accommodate the conservation of wildlife resources insofar as is consistent with the primary purposes of the project.

The Federal Energy Regulatory Commission (FERC) has the power to impose terms and conditions upon the licensing and relicensing of hydroelectric projects. Under NEPA, the F&WCA, and the Federal Power Act, exemptions from FERC licensing for hydroelectric power projects may not be granted if the project sponsor does not have written concurrence from state fish and wildlife agencies and the U. S. Fish and Wildlife Service. Many FERC license terms and conditions pertained to the release of water for fisheries purposes and for the protection and enhancement of other instream uses.

Agencies such as the U. S. Forest Service and the Bureau of Land Management, which administer federal lands, require special use permits for commercial endeavors on federal lands. The special use permits may contain conditions and terms requiring instream flow releases from stream diversions.

DETERMINING INSTREAM REQUIREMENTS

Typically, the quantity and timing of these bypass flows are determined by technical studies of the stream's aquatic habitat and recreation resources, coupled with negotiations between the diverters and those agencies responsible for maintaining the resources (i.e., California Department of Fish and Game, the U. S. Fish and Wildlife Service, the Bureau of Land Management, and the U. S. Forest Service). The negotiated agreement usually becomes part of the permit or license.

Instream flow requirements are not necessarily consistent within a watershed or even on the same stream. Very few agreements have provisions for altering terms and conditions at a later date. Several methods of assessing the biological requirements of aquatic life have been used over the years. Even the more recent improved methods do not always provide the same quantitative results.

The technical aquatic assessment is only one stage of the process setting specific bypass flow regimes. Agreements require negotiations which may yield flow schedules different from the technical recommendations. Similarly, administrative agencies may place more or less weight upon the aquatic streamflow needs versus offstream diversion uses.

A factor contributing to the variability of instream flow requirements is that during the past decade, laws and regulations requiring consideration of instream flows have been strengthened, and administrative officials have become more sensitive to instream needs.

ENFORCEMENT

Enforcement of instream flow releases is similar to enforcement of other water rights, terms and conditions. Other water users are relied upon to voice protests of possible violations of water rights, terms, and conditions, and bring them to the attention of the SWRCB staff. Section 764, Title 23 of the California State Administrative Code specifies the enforcement of terms and conditions for water rights. Section 764 states:

"Any person affected by a violation of any term or condition of a permit may file a complaint in writing with the board. The complaint shall contain the following:

- (a) Name and address of the complainant.
- (b) The nature of the alleged violation.
- (c) The manner in which the complainant is affected.
- (d) A statement of whether complainant is required by Part 5.1 (commencing with Section 5100) of Division 2 of the Water Code to file with the board a statement of his water diversion and use, and if complainant is so required, a statement:
 - (1) that complainant has filed with the board a statement of water diversion and use; or
 - (2) setting forth the reason for complainant's failure to file such a statement of water diversion and use.
- (e) The specific action which complainant requests.

Any person may complain of a violation of a condition intended for the benefit of the public."

Section 764.5 continues:

"If after investigation, the Board's Division of Water Rights finds that a violation has occurred which might be cause for revocation of the permit or other action by the Board, the matter will be referred to the Board for hearing. If the Division finds that no such violation has occurred, the complainant will be notified and no further action will be taken unless the complainant requests a hearing by the Board, in that event the Board will determine whether to hold a hearing based on information supplied by the complainant and the Board's staff. If, after notice in accordance with Water Code Sections 1410 and 1410.1 and a hearing, if a hearing is requested by permittee, the Board finds a violation has occurred, the Board may revoke the permit or take such other action as appears appropriate under the circumstances. The provisions of this article apply to licenses in the same manner as to permits."

If the SWRCB determines that a violation of terms or conditions of a water right is occurring, Water Code Sections 1831-1836, 1840, 1845, and 1850-51 provide for SWRCB administrative sanctions prior to the revocation of the water right. The SWRCB may issue cease and desist orders, petition the courts for injunctive relief, and, that failing, levy fines up to \$500 per day.

The SWRCB is not responsible for enforcement of all streamflow requirements. As discussed earlier, other agencies have existing agreements for streamflow requirements or have jurisdiction to obtain such requirements in permits and licenses. Protests for non-compliance with bypass flows and conditions should also be addressed to the appropriate agency such as the Federal Energy Regulatory Agency, Bureau of Land Management, U. S. Forest Service, Department of the Interior, or the California Department of Fish and Game.

HOW TO USE TABLES AND MAPS

The information inventoried in this report is displayed in two principal formats:

1. A "Table of Instream Flow Requirements Related to Stream Diversion", identifies each requirement by assigning an Identity Number which locates each diversion by hydrologic basin. The Instream Flow Requirements (IFR) are listed in alphanumeric sequence by Identity Number. This means that all IFRs for a hydrologic unit (watershed) are grouped together.
2. Detailed maps, "Locations of Instream Flow Requirements by Hydrologic Unit", pages 26-110, display the geographic location of each IFR. IFRs are depicted by large dots with one- or two-digit numbers adjacent. The dots are correctly drawn on the maps with respect to township, range and section. Township and range coordinates are noted on the maps. In situations where more than one IFR is located in a section (particularly in the Russian and Napa drainages), only one dot is shown per section with the several identity number suffixes listed. The combination of the hydrologic unit code plus the suffix produces the Identity Number by which IFRs are listed in the table.

Additionally, an index is provided to cross reference water rights application numbers to IFR Identity Numbers.

Here are three methods of using these tables, maps, and indexes:

Method 1 - Geographic Location Known

Step 1: Turn to the watershed index map of the State (page 26). This index map shows the State's major streams and hydrologic basins and indicates the pages of more detailed hydrologic units. For example, the Sacramento River Basin is represented by detailed hydrologic unit maps on pages 27 through 39. A diversion situated on the upper Sacramento River near Shasta Lake is mapped on page 37.

Step 2: Turn to the detailed hydrologic unit map, in this example, page 37. If the desired diversion site is the McCloud Reservoir, then the site lies within the hydrologic area designated as A22.A3.

Step 3: Each diversion point is depicted with a large dot. Adjacent to the dot is a one- or two-digit number. That number is used as a suffix to the hydrologic unit code to produce the site identity number (for example, A22.A3-1 for McCloud Dam).

Step 4: Refer to the tables of Instream Flow Requirements table (beginning on page 111) where all the site Identity Numbers are alphanumerically listed with their corresponding flow agreements (for example, A22.A3-1 is on page 147).

Method 2 - Water Rights Application Number Known

Index 1 (pages 11 through 22) cross-references SWRCB water rights application numbers to Identity Number. For example, application number 13746 is referenced to Identity Number A06.B2-1. Using the Identity Number, turn to the table of Instream Flow Requirements (page 122) to find the instream flow requirement.

Method 3 - Hydrologic Unit Code or Identity Number Known

To find the location of the IFR site on the maps, follow steps 1 and 2.

Step 1: Turn to Index 2, "Hydro Units/Site Identity Number Referenced to Map" (pages 23 through 25). Remember that the first five digits of Identity Numbers are the same as the hydrologic unit codes. Index 2 lists the hydrologic unit codes and the pages of the maps where they appear. (e.g., A06.00 is on page 30). As explained under Method 1, the complete Identity Number can be determined from the detailed map.

Step 2: Refer to the table (beginning on page 111) to learn the Instream Flow Requirement (A06.B2-1 is on page 122).

INDEXES TO TABLES AND MAPS

INDEX 1

WATER RIGHTS APPLICATION NUMBER
REFERENCED TO IFR IDENTITY NUMBER

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
1341	B14.DO-2	6737	B04.CO-10
1342	B14.DO-3	6737	B04.CO-11
1345	B14.E1-2	6737	B04.CO-12
1346	B14.CO-1	6737	B04.CO-13
1389	G01.CO-1	6737	B04.CO-14
1614	A10.B0-1	6737	B04.CO-16
1920	C03.B3-1	6737	B04.CO-15
1920	C03.B3-2	6737	B04.CO-17
1920	C02.B3-3	8495	A11.C2-1
2372	A10.C3-1	10122	B09.E1-1
2372	A10.C3-2	10338	B14.A1-2
2372	A10.C3-3	10338	B14.CO-2
2652A	A09.A4-6	10588	A19.CO-1
3850	WO3.BO-3	11115	B14.D0-1
4703	CO3.B3-4	11115	B14.D0-7
5648	B09.B1-1	11122	F06.D0-4
5648	B09.B1-2	11192	A11.D1-1
5648F	B04.CO-15	11193	A11.D1-2
6470	B08.J0-1	11199	A02.B0-1
6594	F11.F3-1	11281	B21.B2-3
6594	F11.F3-2	11315	F14.A1-39
6737	B04.CO-1	11327	F14.B4-10
6737	B04.CO-2	11327	F14.B4-11
6737	B04.CO-3	11389	A04.CO-1
6737	B04.CO-4	11407	F06.B3-1
6737	B04.CO.5	11596	A10.A2-2
6737	B04.CO-6	11788	B06.CO-3
6737	B04.CO-7	11792	B05.B0-1
6737	B04.CO-8	11792	B05.CO-1
6737	B04.CO-9	11792A	B05.CO-2

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
11966	F11.F1-2	13929	B14.D0-8
12193	F15.A0-3	13956	A10.E2-1
12243	CO3.B3-1	13958	F14.B3-2
12243	CO3.B3-2	13982	G05.B0-2
12243	CO3.B3-3	14079	F14.B3-3
12330	F14.A1-22	14112	A11.B3-1
12340	Y02.B1-2	14127	B10.B1-1
12389	A04.D4-2	14274	A10.D1-5
12490	B09.E1-4	14316	A07.D0-6
12490	B09.E1-5	14433	X19.O7-1
12493	B10.CO-8	14444	A08.D0-1
12509	F15.A0-6	14444	A08.D0-2
12624	A06.C4-1	14519	F09.A0-1
12724	CO3.B3-4	14546	A07.D0-4
12726	CO3.B3-5	14602	A23.D1-1
13095	A23.D4-1	14691	F11.C2-2
13156	B03.B0-1	14743	A23.A2-1
13156	B03.B0-2	14785	A22.A3-2
13206	F06.A3-6	14804	A09.A1-1
13304	F15.A0-2	15017	A07.D0-5
13372	A05.B1-1	15201	B03.B0-1
13533	F14.B5-31	15404	F14.B2-5
13633	F14.C1-23	15406	A07.D0-5
13707	B04.A3-4	15407	A20.B0-3
13708	B04.A3-1	15424	A19.B1-1
13746	A06.B2-1	15444	F11.A1-2
13775	F01.O0-1	15502	G05.A0-11
13778	CO6.B2-1	15504	G05.A0-12
13778	CO6.B2-2	15505	G05.A0-13
13778	CO6.B2-3	15507	G05.A0-4
13778	CO6.B2-4	15508	G05.A0-5
13886	T05.B0-1	15510	G05.A0-3
13928	B14.D0-6	15511	G05.B0-1
		15563	A10.A3-1

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
15574	A08.C0-1	16854	C06.B4-1
15574	A10.D1-2	17055	E07.B2-3
15574	A10.D1-3	17116	T10.A7-1
15574	A10.E1-1	17198	E02.D0-6
15710	A07.D0-4	17232	F14.C1-29
15717	A22.A3-1	17271	F14.C2-9
15719	A23.A3-1	17291	F09.D0-1
15777	B04.C0-18	17292	T10.B1-1
15779	F14.C1-1	17317	E01.A3-1
15975	A04.A2-1	17345	F13.B0-1
15975	A04.C0-1	17375	A19.B1-1
15975	A04.C0-1	17376	A19.B1-1
16102	B14.D0-5	17400	W03.B0-1
16103	B14.E1-1	17526	B13.A1-2
16104	B10.C0-5	17527	F05.C6-1
16108	F13.A3-1	17536	F10.D0-1
16109	F13.A3-2	17590	E02.D0-7
16130	E06.D0-9	17624	F14.C1-34
16161	A22.A4-1	17809	F11.C3-2
16163	F14.B4-8	17811	F03.A1-3
16170	B10.C0-6	17838	T04.A3-2
16173	B10.C0-7	17851	T04.A3-1
16187	B11.A0-1	17913	T04.A2-1
16188	A13.B0-1	17978	F14.B5-35
16189	A13.B0-1	17997	F05.D2-3
16219	B21.B2-2	18011	A10.D1-4
16347	F14.C3-17	18028	B04.A3-2
16430	F14.C3-15	18052	F13.E0-11
16454	F09.A0-2	18084	A06.C2-1
16586	T04.A3-3	18087	A06.C2-2
16750	F06.A5-6	18087	A06.C2-5
16757	T10.B2-1	18087	A06.C3-1
16768	F06.C1-1	18087	A06.C3-2

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
18087	A06.C3-3	19361	A20.B0-1
18087	A06.C5-1	19423	B10.C0-1
18104A	E06.E0-84	19423	B10.C0-2
18104B	E06.E0-71	19423	B10.C0-3
18136	F11.G2-1	19423	B10.C0-4
18144	E06.E0-66	19551	E02.D0-6
18213	T09.H1-2	19629	G05.A0-2
18227	C03.B3-6	19653	A11.E3-1
18291	A06.D2-1	19801	T07.O0-1
18295	G05.A0-10	19841	A10.C2-1
18375	T10.C1-1	19841	A10.D1-1
18409	G06.B0-2	19841	A10.D2-2
18470	A10.E3-1	19841	A10.D2-3
18470	A10.E3-2	20072	A10.D2-1
18508	E02.B3-2	20072	A10.D3-2
18652	B10.C0-9	20350	B04.A2-1
18677	F11.F1-4	20357	E06.E0-61
18702	F11.C3-3	20117	A11.E4-1
18714	B13.A2-1	20469	F06.D0-3
18733	B13.B0-1	20540	F14.C1-32
18844	A11.C5-1	20541	F14.C1-33
18895	B05.C0-4	20545	W03.B0-2
19145	A23.B2-1	20711	E02.D0-11
19149	B09.D0-1	20866	F06.A5-3
19149	B09.D0-2	20920	F14.B2-1
19149	B09.D0-3	21009	B07.D2-1
19149	B09.D0-5	21024	C02.B0-1
19149	B09.D0-7	21079	A10.C4-1
19171	F01.O0-2	21106	F14.C1-25
19238	T04.A1-1	21121	F14.C3-14
19304	B09.B2-1	21148	F14.B2-3
19309	A23.E3-1	21151	A09.A4-1
19351	F14.B4-14	21151	A09.A4-3

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
21156	F14.B2-4	22377	F13.H5-1
21170	F14.B2-2	22412	T04.A2-4
21184	F14.C1-24	22445	F14.B5-34
21256	F13.E0-12	22461	W20.F0-2
21364	F06.B5-4	22463	F13.E0-13
21438	W20.F0-1	22503	A21.B2-1
21443	A11.C3-1	22539	X22.F1-1
21607	F06.D0-2	22573	G06.B0-3
21608	F06.D0-2	22634	F06.C2-3
21674	F14.B5-37	22661	F14.B4-6
21676	A19.B2-1	22689	F15.A0-5
21883	F13.H1-1	22704	T10.B6-1
21945	A06.D2-2	22711	E06.E0-80
21955	G07.O0-3	22739	A03.A4-18
21991	F15.A0-1	22785	E06.E0-72
22038	F14.B3-4	22807	F14.B4-5
22039	A07.D0-2	22822	G06.B0-1
22042	A03.A4-21	22831	F06.B5-3
22061	A12.B0-2	22835	E06.E0-44
22095	E06.E0-47	22841	E06.E0-57
22110	A06.B2-2	22870	F13.E0-14
22110	A06.B2-3	22920	E07.B2-4
22156	F14.B5-36	22929	F14.B4-9
22266	G07.O0-2	22949	E06.E0-62
22277	F14.C1-27	23003	F03.A1-5
22287A	F05.A2-1	23025	F05.H2-1
22287B	F05.A2-1	23038	F11.F1-1
22321	A07.D0-3	23039	F14.C1-20
22324	C06.A0-2	23047	A10.B0-2
22325	F14.B6-1	23079	F06.A5-2
22331	F06.B5-5	23114	T08.O0-3
22359	F14.B4-7	23118	Y02.B1-1
22372	Z01.B0-1	23120	F13.E0-7

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
23201	A07.C0-1	23708	F12.G0-1
23201	A07.D0-1	23710	T04.A2-2
23212	F14.B5-38	23733	E02.B1-3
23235	F15.A0-4	23737	F14.C3-16
23250	F14.C1-19	23757	A10.A2-1
23261	F05.C4-1	23774	E06.E0-68
23308	E06.E0-67	23775	E06.E0-86
23314	F06.A5-4	23790	F14.B5-33
23322	F14.C3-18	23791	E06.E0-45
23333	E06.E0-70	23834	A03.A4-17
23343	A08.D0-3	23837	F10.D0-2
23334	A20.B0-2	23846	E02.B1-1
23344	A08.D0-4	23866	E06.E0-64
23345	A08.D0-5	23867	E06.E0-83
23416	B04.A1-1	23883	E06.E0-2
23443	A11.C4-3	23885	E06.E0-3
23444	A11.C4-1	23886	E06.E0-4
23446	F14.C1-3	23887	E06.E0-5
23508	E06.E0-76	23889	E06.E0-6
23511	E06.E0-69	23890	E06.E0-7
23528	E06.E0-50	23897	E06.E0-65
23532	A03.B0-3	23902	F14.B5-32
23612	F06.A5-5	23914	E06.E0-77
23613	F06.A5-5	23924	A11.C4-2
23614	F06.A5-5	23930	E06.E0-46
23617	F06.A5-5	23932	E06.E0-73
23620	F06.A5-5	23934	E06.E0-75
23621	X01.O0-1	23949	F14.C1-26
23639	F14.A1-34	23960	T14.A0-1
23647	E06.E0-78	23973	F08.B0-1
23655	F14.A1-33	23976	T05.A0-1
23664	F14.C1-4	23984	E06.E0-54
23703	T10.A7-2	23986	E06.E0-74

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
23987	E06.E0-48	24238	F06.D0-8
24010	F14.C3-1	24240	E02.C0-4
24013	F14.C1-36	24244	F14.C3-13
24014	F14.C1-2	24266	F14.B5-28
24018	E06.E0-1	24268	F14.A1-18
24020	E06.F0-85	24269	F14.B5-29
24022	E06.E0-56	24269	F14.B5-43
24023	E06.D0-2	24270	F14.A1-19
24024	E06.D0-10	24271	F14.B3-1
24043	E06.E0-53	24272	A03.A4-1
24044	F14.C3-5	24277A&B	E06.E0-34
24045	A03.A4-6	24278	E06.D0-6
24051	F14.B5-1	24285	E06.E0-36
24072	E06.E0-33	24292	E06.E0-30
24076	E06.E0-40	24296	A03.B0-5
24085	B04.A1-2	24296	A03.B0-6
24098	A11.D5-5	24296	A03.B0-9
24099	A11.D5-6	24296	A03.B0-15
24104	F14.C3-11	24296	A03.B0-6
24105	F05.B3-1	24297	A03.B0-6
24124	E06.E0-39	24297	A03.B0-7
24125	E06.E0-38	24297	A03.B0-8
24126	F14.C3-12	24297	A03.B0-9
24127	F06.A2-1	24297	A03.B0-10
24129	E06.E0-63	24307	E06.E0-32
24139	F14.C1-16	24308A	E06.E0-55
24140	F14.C1-17	24309	E06.E0-28
24141	F14.C1-18	24310A&B	F14.B5-30
24147	E06.E0-26	24311A	F14.B5-48
24172	T04.A2-5	24311B	F14.B5-48
24200	F05.E0-1	24318	F14.C2-6
24203	F14.B4-2	24320	G04.B0-3
24209	F14.C2-7	24323	F13.E0-6

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
24325A	F14.C1-37	24531	E06.D0-5
24327	E06.E0-27	24538	A03.B0-4
24332	E06.E0-29	24558	F06.C2-1
24335	B10.C0-10	24570	T04.A2-6
24336	A04.D4-1	24570	T04.A2-7
24345A	E06.E0-59	24570	T04.A2-8
24348	E06.E0-41	24570	T04.A2-9
24358	E06.E0-35	24576	F13.E0-2
24359	F14.C1-15	24591	E06.E0-19
24364	F13.F3-1	24592	E06.E0-18
24366	A03.A4-7	24606	F14.C1-36
24375	F05.D2-2	24617	F14.C1-8
24395	E06.E0-37	24635	A03.B0-10
24398	E07.B2-2	24664	A03.A4-12
24405	F14.C3-10	24664	A03.A4-20
24416	A06.D4-3	24666	T04.A1-3
24433	E06.E0-9	24670	F06.B2-1
24442	E06.E0-31	24673	A03.A4-8
24443	E06.E0-15	24675	F06.B5-2
24456	E06.E0-14	24677B	E06.E0-79
24468	E06.D0-3	24678	F14.B5-4
24481	F14.C2-2	24679	F14.B5-44
24488	F14.C3-3	24686	T08.O0-2
24489	F14.C3-19	24688	F14.B4-3
24492	F13.E0-1	24689	F06.A3-2
24503	E06.D0-4	24691	F14.C1-21
24504	E06.D0-1	24693A	E06.E0-20
24505	E06.E0-16	24694	F06.C2-2
24518	F14.B5-6	24701	B14.E1-4
24522	F14.C1-7	24721	A03.A4-11
24525	F13.E0-3	24725	F14.C3-4
24526	F13.E0-3	24729	B04.A3-3
24526	F13.E0-8	24741	F14.C1-9
24527	E06.E0-17		

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
24759	F08.B0-2	24911	F06.A3-4
24761	F14.A1-1	24912	F14.B5-12
24762	F14.A1-25	24914	T10.B4-1
24762	F14.A1-29	24916	E06.E0-22
24763A	F14.C1-35	24917	E06.E0-23
24788	E02.D0-5	24919	F14.B5-13
24789	F14.C1-31	24921	F14.A1-9
24790	F14.B5-40	24924	F14.B4-1
24791	F14.B5-5	24925	F14.B5-47
24795	F14.C2-3	24928	E01.A2-1
24820	F14.C1-28	24931	F14.A1-15
24827	F14.A1-2	24932	F14.B5-20
24837	F06.A3-3	24935	F14.B5-19
24839	F06.A5-1	24943	F13.E0-4
24851	A03.A4-9	24947	F14.A1-14
24864	F14.B5-7	24951	F14.B5-18
24865	F14.A1-3	24954	F11.A1-1
24866	E06.E0-21	24958	F14.B5-17
24868A	F13.E0-15	24962	F14.A1-12
24877	F14.B5-8	24963	F14.A1-11
24882	F14.A1-28	24967	F14.A1-10
24887	F14.A1-4	24968	F14.A1-30
24889	F14.A1-7	24969	F14.A1-30
24890	F14.B5-10	24972	F14.B5-16
24891	F14.A1-26	24983	A09.A4-2
24892	F14.A1-6	24989	F06.B5-1
24893	F14.B5-45	24993	F06.B5-15
24894	F14.B5-9	24995	F14.C2-4
24898	F14.C1-11	24996	F14.C3-6
24899	F14.B5-42	25000	A23.C1-1
24905	F14.A1-5	25002	T10.A3-1
24908	F14.A1-8	25005	F14.B5-14
24909	F14.B5-11	25010	F14.A1-17

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
25012	F14.A1-16	25291	G04.B0-2
25015	F14.B5-21	25293	E06.E0-58
25021	F14.A1-27	25294A	E06.E0-60
25025	F14.B5-39	25302	E02.D0-3
25028	F14.B5-41	25303	E02.D0-8
25032	F14.B5-22	25306	G04.B0-1
25060	F13.E0-5	25307	F06.A3-1
25061	F13.E0-5	25317	E06.E0-8
25063	A06.C2-4	25318	E02.D0-14
25064	A21.B1-1	25321	F14.C1-22
25066	F05.B4-1	25334	F14.C3-2
25068	F15.D0-1	25337	E02.D0-1
25076	F14.A1-24	25338	E02.D0-2
25077	E06.E0-24	25344	F14.B5-3
25078	E06.E0-24	25345	G04.B0-4
25084	F14.B5-27	25358	E01.A3-2
25110	F14.B5-26	25363	F14.A1-13
25112	A22.A2-1	25367	F14.A1-20
25138	F11.C2-1	25368	W03.A0-1
25154	F14.B5-25	25368	W03.A0-2
25157	F14.B5-24	25368	W03.A0-3
25169	C01.E0-1	25368	W03.A0-4
25173	F13.D0-1	25393	F14.A1-21
25185	W28.B0-1	25394	F14.A1-31
25186	E06.E0-51	25407	E02.B2-1
25207	F14.B5-23	25420	G04.B0-3
25207	F14.B5-23	25432	A03.A4-3
25242	F03.A1-6	25432	A03.A4-5
25268	F14.C1-12	25433	A03.A4-19
25268	F14.C1-12	25447	E06.E0-42
25279	B14.A1-3	25448	E06.E0-10
		25449	E06.E0-11

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25455	E06.E0-43	25682	F14.B5-46
25461	E02.B1-2	25691	F14.C2-10
25462	E02.B3-1	25697	F05.B3-2
25463	E02.B2-4	25700	E06.E0-13
25464	E02.B2-4	25709	T04.B0-1
25465	E02.B2-4	25712	E06.E0-81
25467	E02.B1-6	25730	E02.B3-4
25468	E02.B1-5	25731	E02.B3-4
25469	E02.B1-4	25734	E02.B3-5
25470	E02.B2-3	25740	F14.C3-20
25485A	E06.E0-52	25749	F14.C1-6
25506	A06.B2-4	25750	E02.B3-6
25512	B14.A1-1	25765	A03.A4-4
25530	B04.B0-1	25770	E07.B3-1
25544	F03.A1-4	25776	A03.A7-1
25562	T04.B0-3	25790	F05.C3-1
25568	T04.A1-2	25812	E07.B2-1
25571	F05.C1-1	25815	A06.B2-5
25596	F14.C1-5	25822	F14.C1-13
25598	E02.D0-4	25830	F14.A2-1
25630	E06.E0-12	25833A	E06.E0-49
25647	F15.A0-7	25846	F06.C1-2
25652	T04.B0-2	25850	F14.C1-30
25654	T04.B0-2	25866	A05.B1-3
25655	T04.B0-8	25868	E02.D0-9
25655	T04.B0-9	25877	E02.C0-3
25656	T04.B0-2	25880	F14.C2-8
25657	T04.B0-7	25888	F14.C1-14
25658	T04.B0-9	25897	A09.A2-1
25659	T04.B0-9	25917	G08.D0-1
25666	F11.F1-3	25935	E06.E0-25
25674	F14.A2-3	25943	F06.D0-1
25676	E02.D0-12	25950	E02.D0-10

<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>	<u>Water Rights Application Number</u>	<u>IFR Identity Number</u>
25958	T04.B0-4	26691	A05.A1-1
25967	A12.B0-1	26714	A23.E3-2
26003A	A03.B0-1	26994	A03.A4-16
26012	B04.A4-1	27168	A09.A4-4
26016	F14.C2-5	D1400	A05.B1-1
26022	F14.C3-7	D1400	A05.B1-2
26036A	E06.E0-82	Riparian	A06.B5-1
26055	F14.C3-8	Riparian	A06.B5-2
26063	A05.B1-4	---	A11.D4-1
26113	F14.A2-2	---	A11.D4-2
26125	E02.C0-5	---	A11.D5-2
26126	E02.C0-5	---	A11.D5-3
26150	W03.B0-4	---	A23.B1-1
26160	A09.A4-5	---	A23.B1-2
26168	A03.B0-2	---	B09.D0-4
26177	A03.A4-2	---	B09.D0-6
26192	W01.O0-1	---	B09.E1-1
26233	F14.A1-32	---	B09.E1-3
26236	F13.C0-1	Raker Act.	B10.D1-1
26255	F11.C3-1	Raker Act.	B10.D1-2
26313	A03.A4-14	Raker Act.	B10.E0-1
26323	F11.C2-3	---	C04.B2-1
26401	F06.A3-5	---	C04.B3-1
26408	A10.E4-1	---	C04.B3-2
26414	F14.B5-49	---	C05.A1-1
26452	A03.A4-15	Riparian	F05.D2-1
26460	C06.A0-1	Riparian	F06.A1-1
26479	F06.A2-2	---	F14.C2-1
26517	A06.D4-1	Riparian	G05.A0-6
26517	A06.D4-2	Riparian	G05.A0-7
26534	B14.D0-4	Riparian	G05.A0-8
26534	B14.D0-9	Riparian	G05.A0-9
26542	B14.E1-3	Riparian	G05.B0-3
26656	A03.A4-13	Riparian	G05.B0-4
		---	G07.O0-1

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A01.	27	C01.A0-B0	47	F13.	69
A02.	27	C01.C0-G0	48	F14.A-B	70
A03.	28	C01.H0	47	F14.C	71
A04.	28	C01.J0-M0	48	F15.	72
A05.	29	C01.N0	49		
A06.	30	C01.P0	47	G01.	73
A07.	31	C01.Q0-T0	49	G02.	73
A08.	31	C01.U0	50	G03.	73
A09.	32	C01.V0-W0	49	G04.	73
A10.	32	C01.X	50	G05.	74
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A13.	34	C04.	51	G08.A	75
A14.	34	C05.	52	G08.B-D	76
A15.	35	C06.	52	G09.	76
A16.	36	C07.	50	G10.	76
A17.	36	E01.	53	G11.	77
A18.	35	E02.	54	G12.	77
A19.	36	E03.	53	G13.	77
A20.	37	E04.	55	T04.	78
A21.	37	E05.	55	T05.	78
A22.	37	E06.A0-D0	56	T06.	78
A23.A1-C4	38	E06.E0	57	T07.	79
A23.D1-E4	39	E07.	58	T08.	79
A24.	39			T09.A0-G0	79
B01.	40	F01.	59	T09.H0-J0	80
B02.	40	F02.	59	T09.K0	81
B03.	40	F03.	59	T10.	82
B04.	41	F05.A	60	T11.	83
B05.	41	F05.B-D	61		
B06.	42	F05.E-H	62	T12.	83
B07.	42	F05.J	63	T13.	83
B08.	43	F06.	64	T14.	83
B09.	44	F07.	65	T15.	83
B10.	44	F08.	66		
B11.	45	F09.	66	U01.	84
B12.	45	F10.	66	U02.	84
B13.	45	F11.A-D	67	U03.	84
B14.	46	F11.E-G	68	U04.	85
		F12.	67	U05.	85

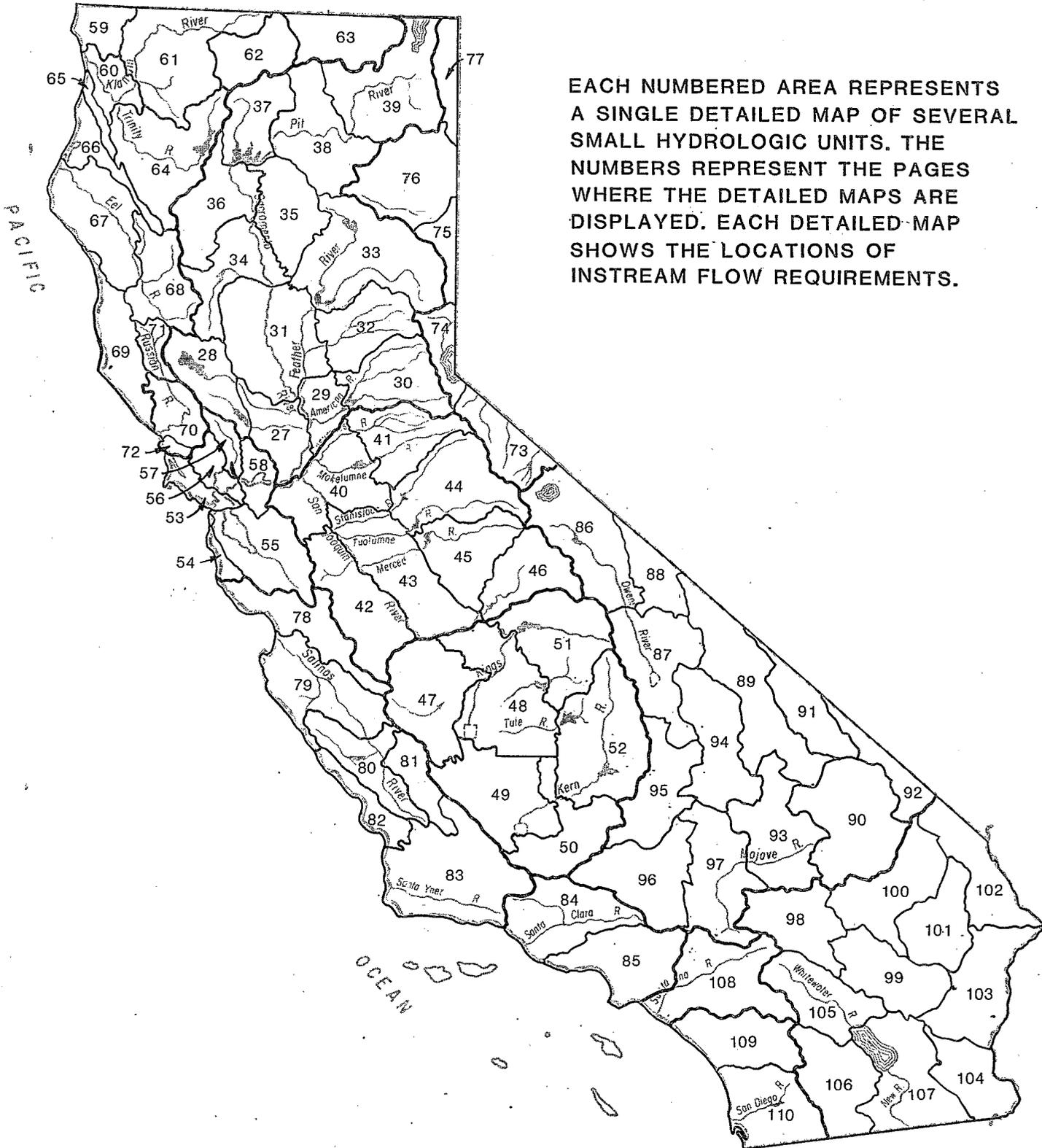
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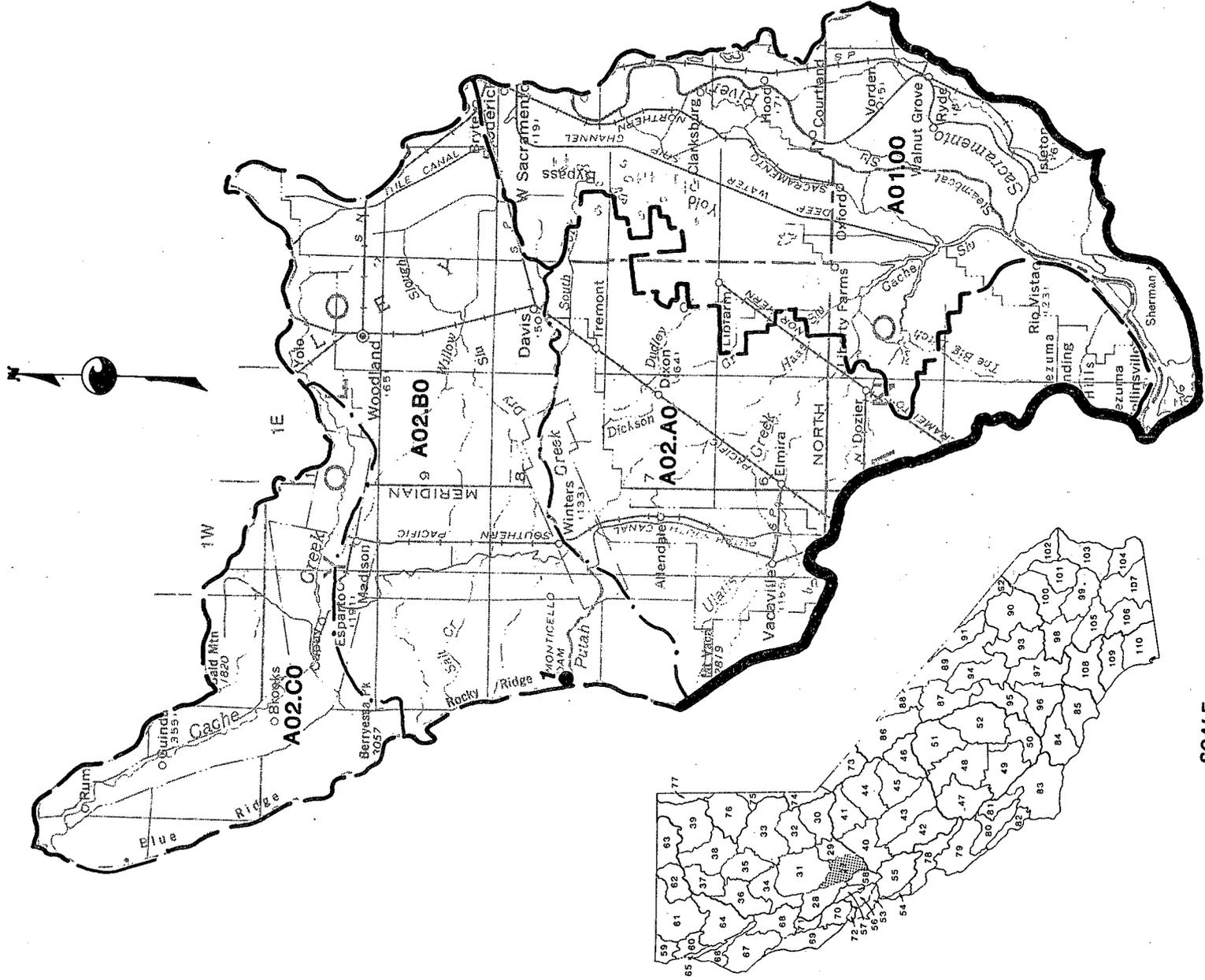
Hydro Units/IFR Identity Number
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W02.	86	X07.	98
W03.A0-B0	86	X08.	98
W03.C0-D0	87	X09.	99
W04.	88	X10.	100
W05.	88	X11.	101
W06.	88	X12.	101
W07.	87	X13.	102
W08.	87	X14.	102
W09.A1-A3	89	X15.A0-D0	103
W09.B1-B4	90	X15.E0	104
W09.C1-D4	91	X16.	103
W10.	92	X17.A	103
W11.	92	X17.B-D	99
W12.	92	X18.	99
W13.	93	X19.	105
W14.	93	X20.	106
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W16.	93	X22.	106
W17.	93	X23.A0	107
W18.	93	X23.B0	106
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W20.	94	X25.	107
W21.	94	X26.	104
W22.	87	X27.	104
W23.	87	Y01.	108
W24.	95	Z01.	109
W25.	95	Z02.	109
W26.	96	Z03.	109
W27.	97	Z04.	110
W28.A-D	97	Z05.	110
W28.E-G	93	Z06.	110
W28.J	90	Z07.	110
W29.	90	Z08.	110
X01.	98	Z09.	110
X02.	98	Z10.	110
X03.	98	Z11.	110
X04.	98		
X05.	98		

WATERSHED INDEX MAP

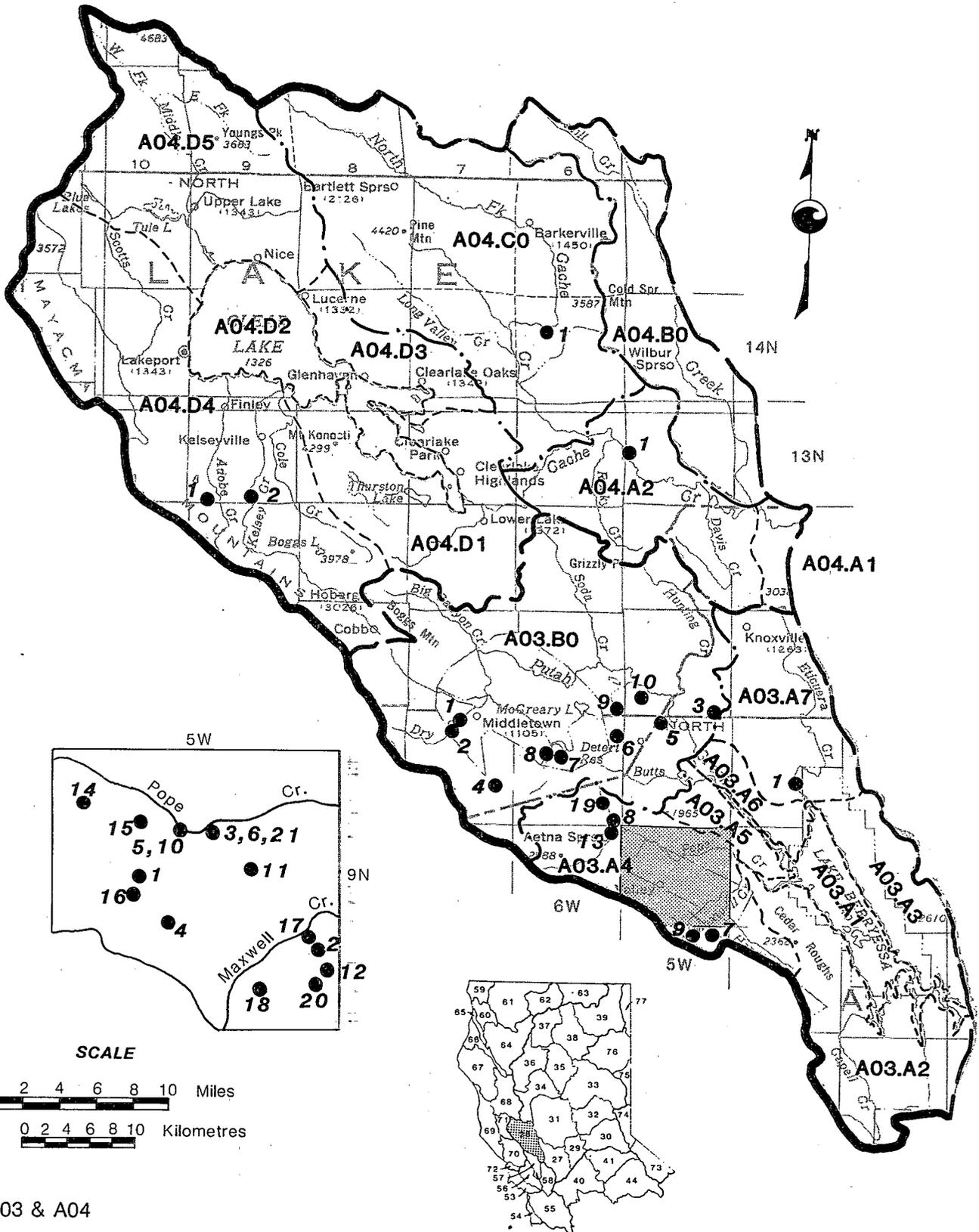
LOCATION OF INSTREAM FLOW REQUIREMENTS BY HYDROLOGIC UNITS



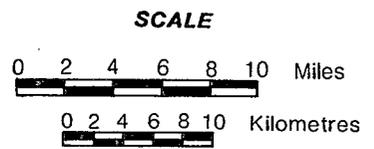
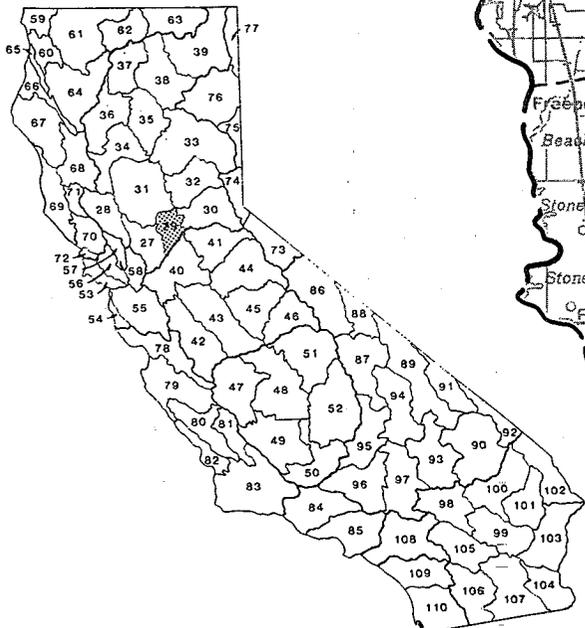
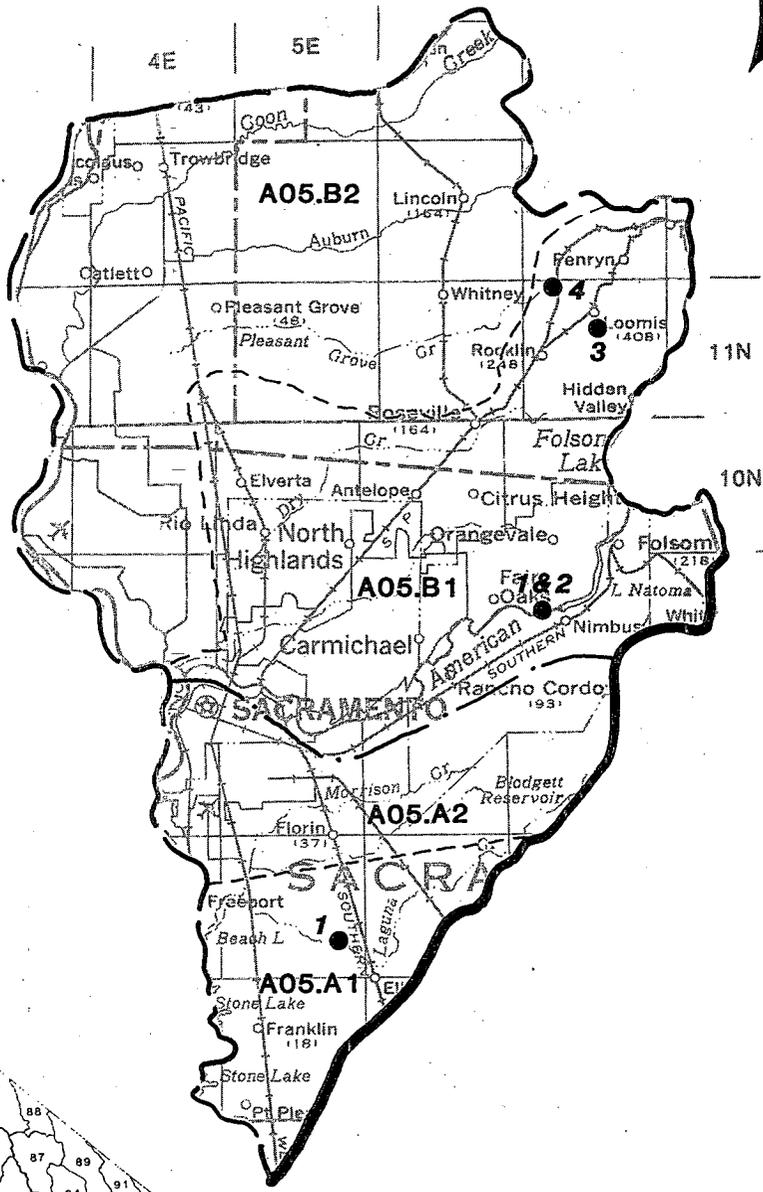


A01 & A02

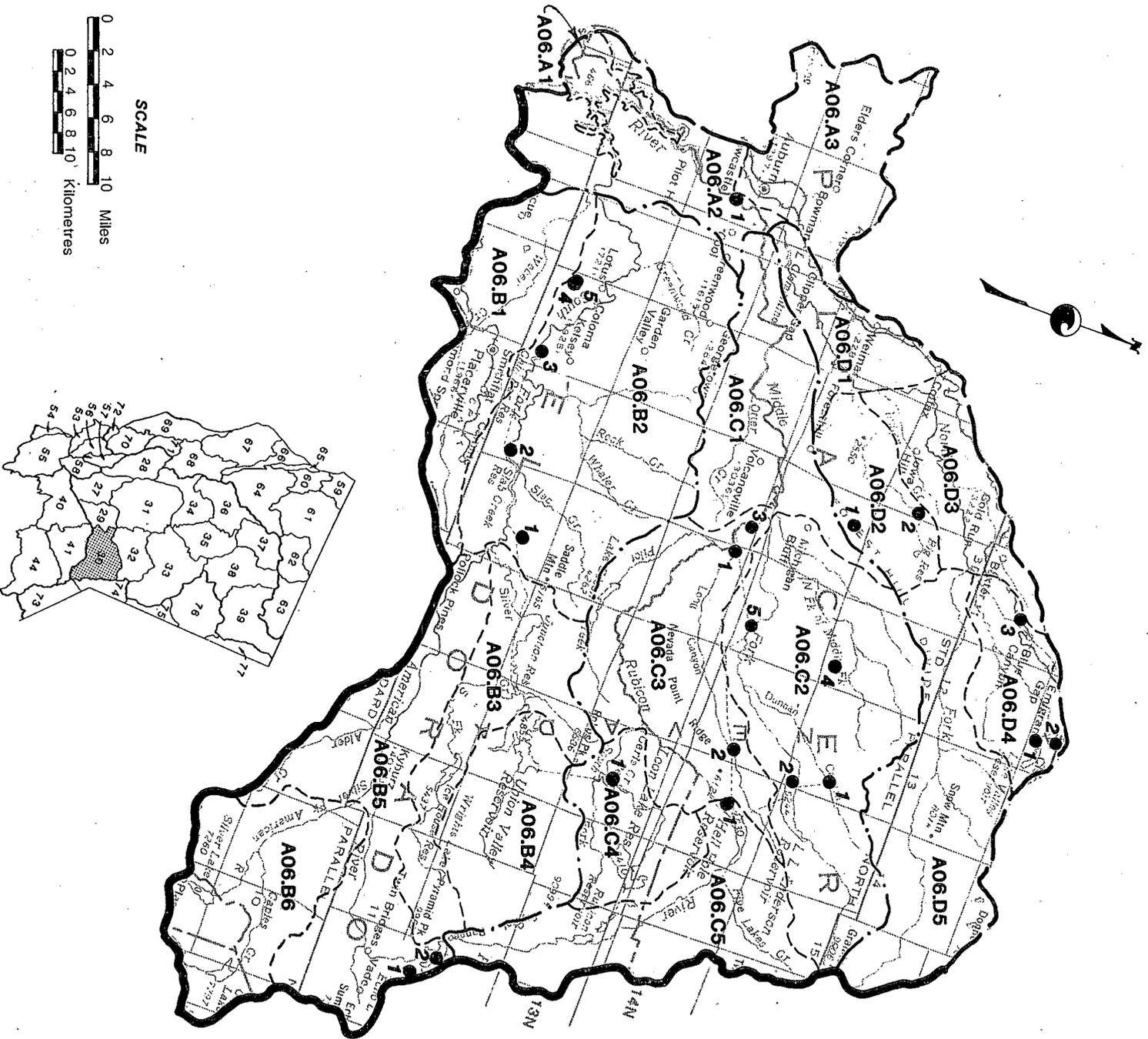
D-001554



A03 & A04



A05



A06

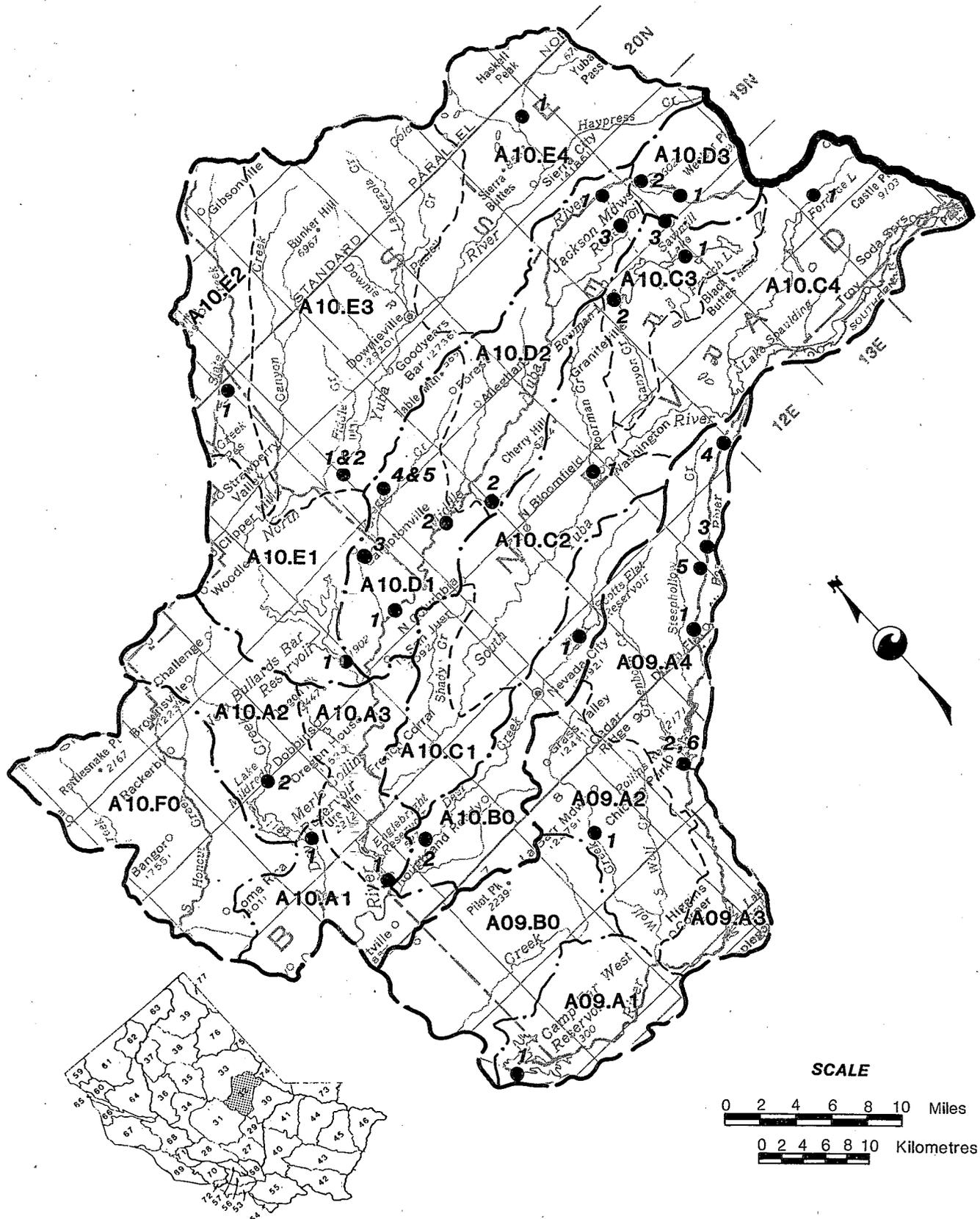
30

D-0001557

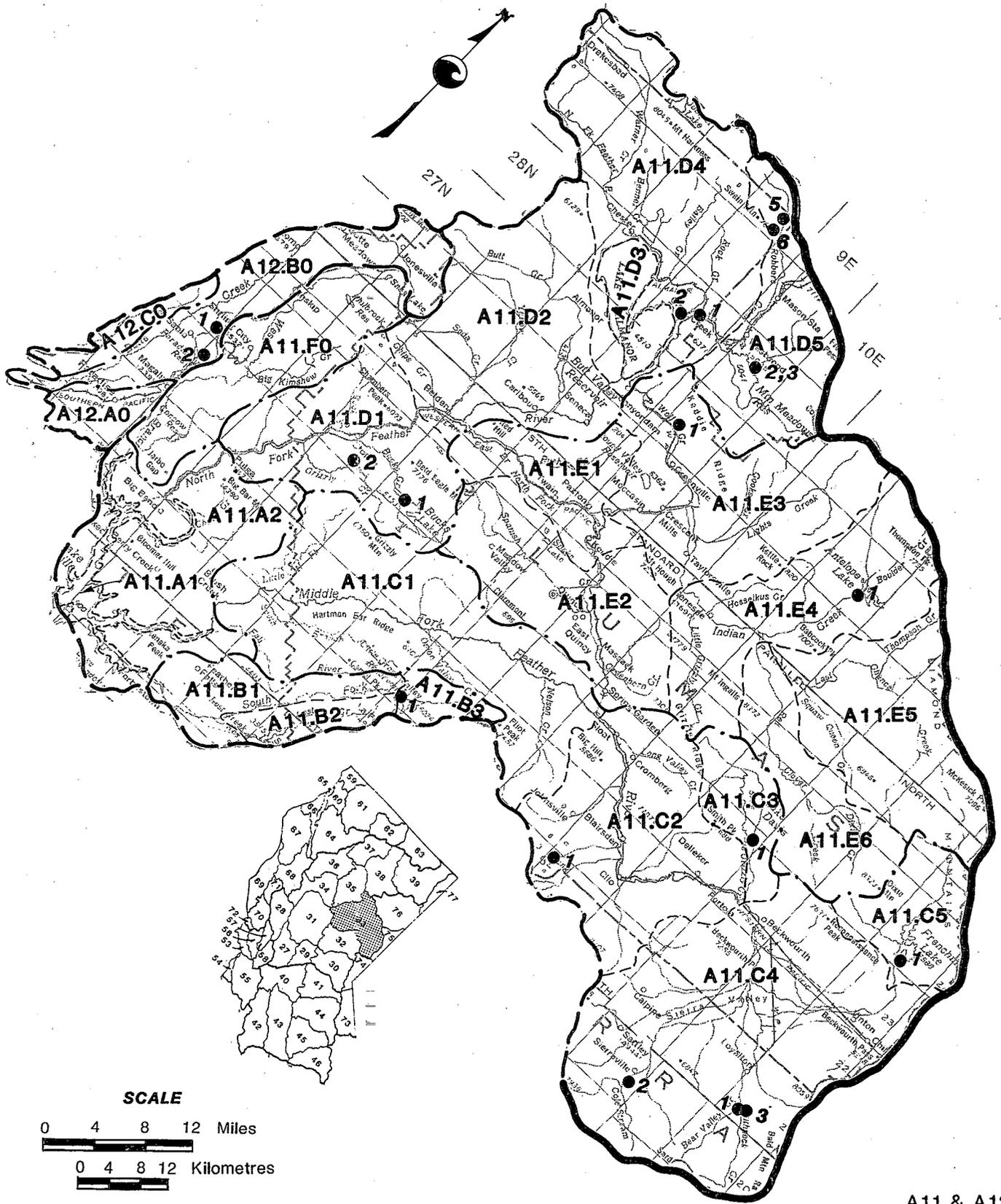
D-001557



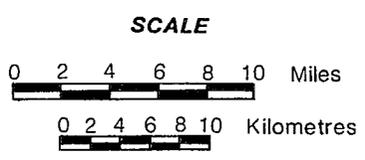
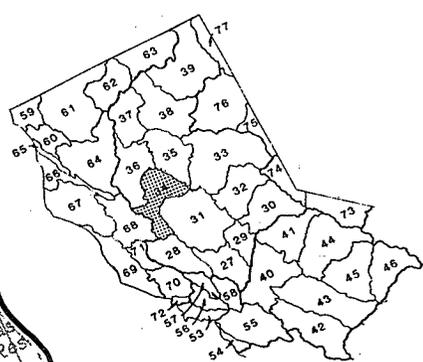
A07 & A08



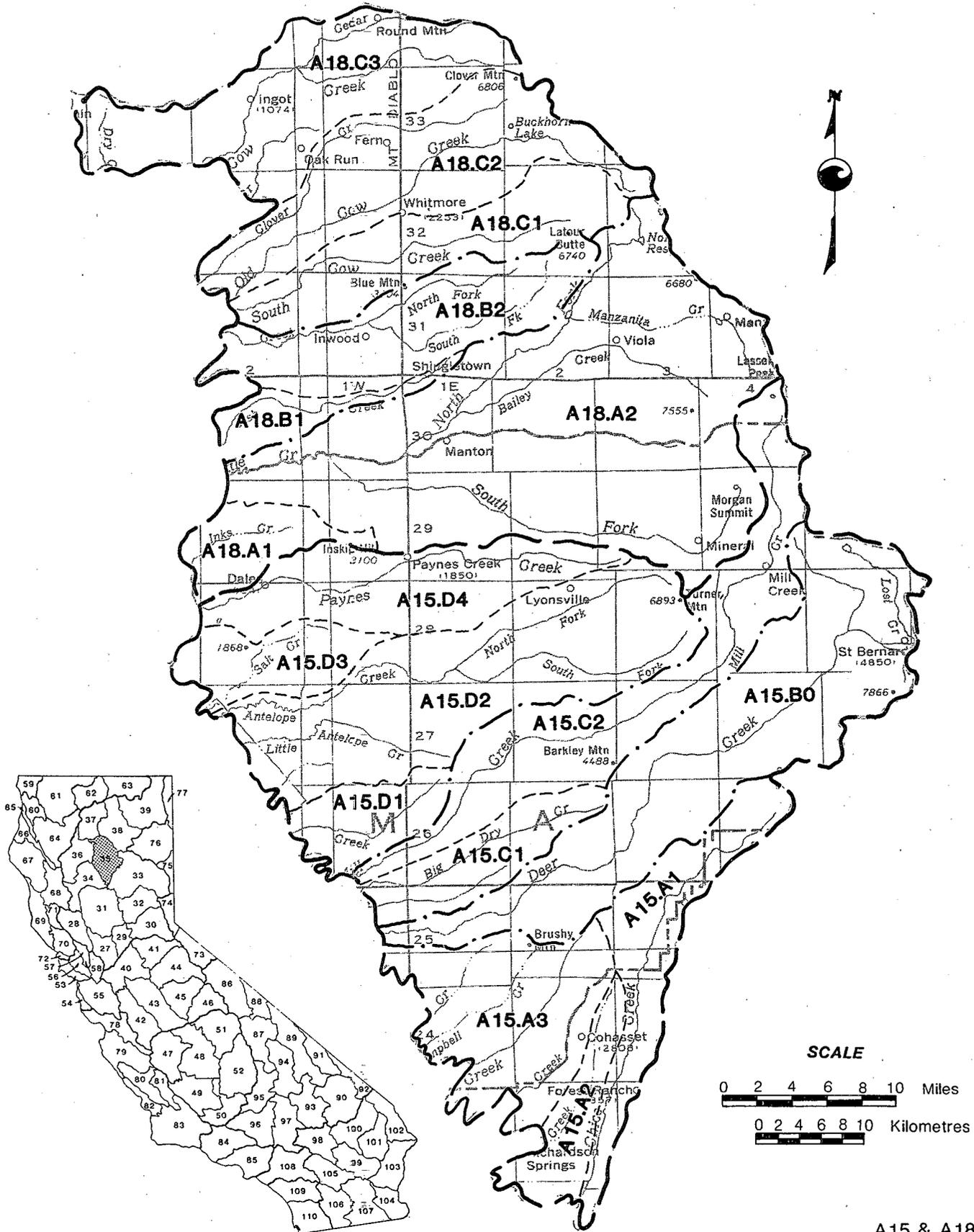
A09 & A10



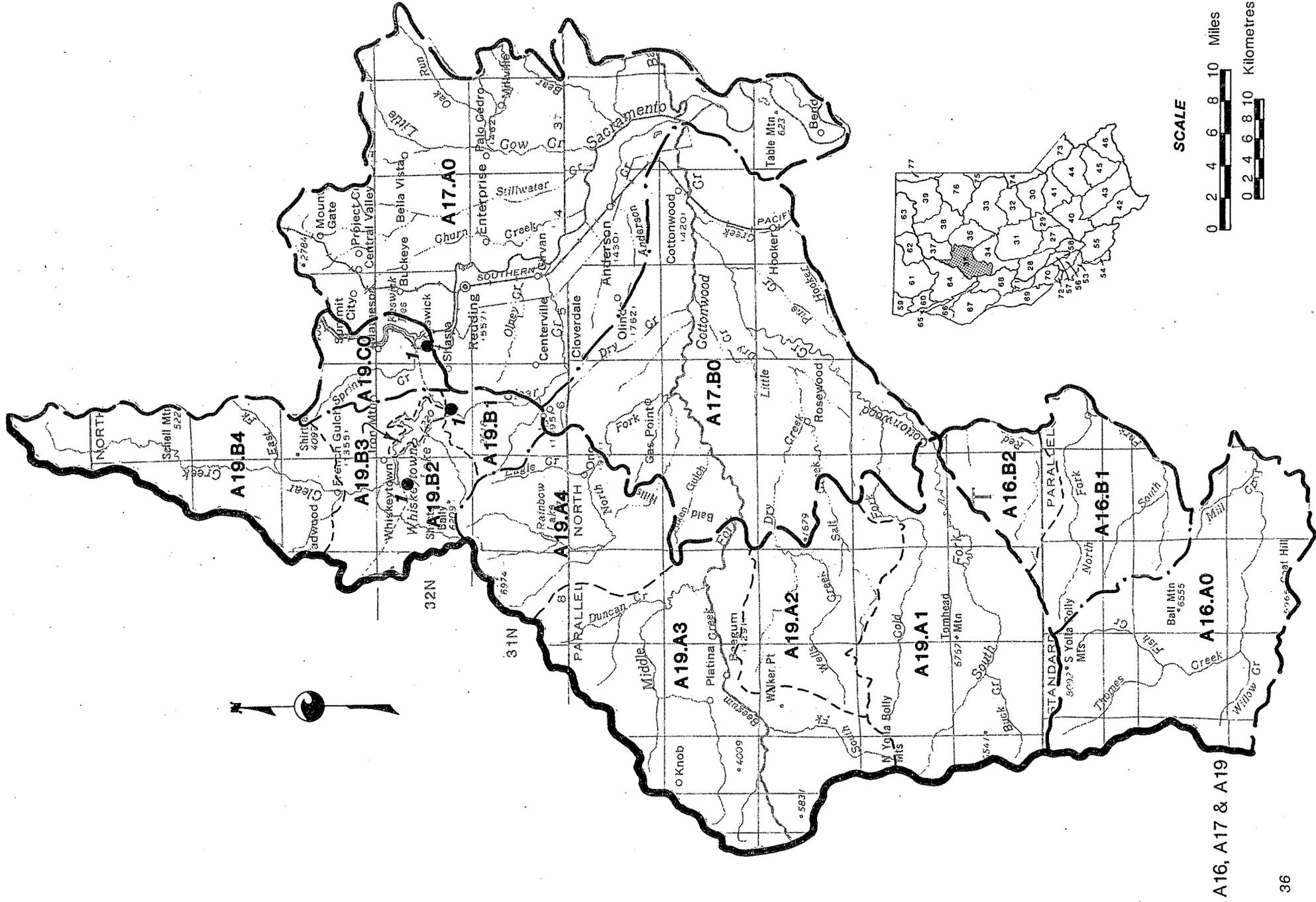
A11 & A12



A13 & A14

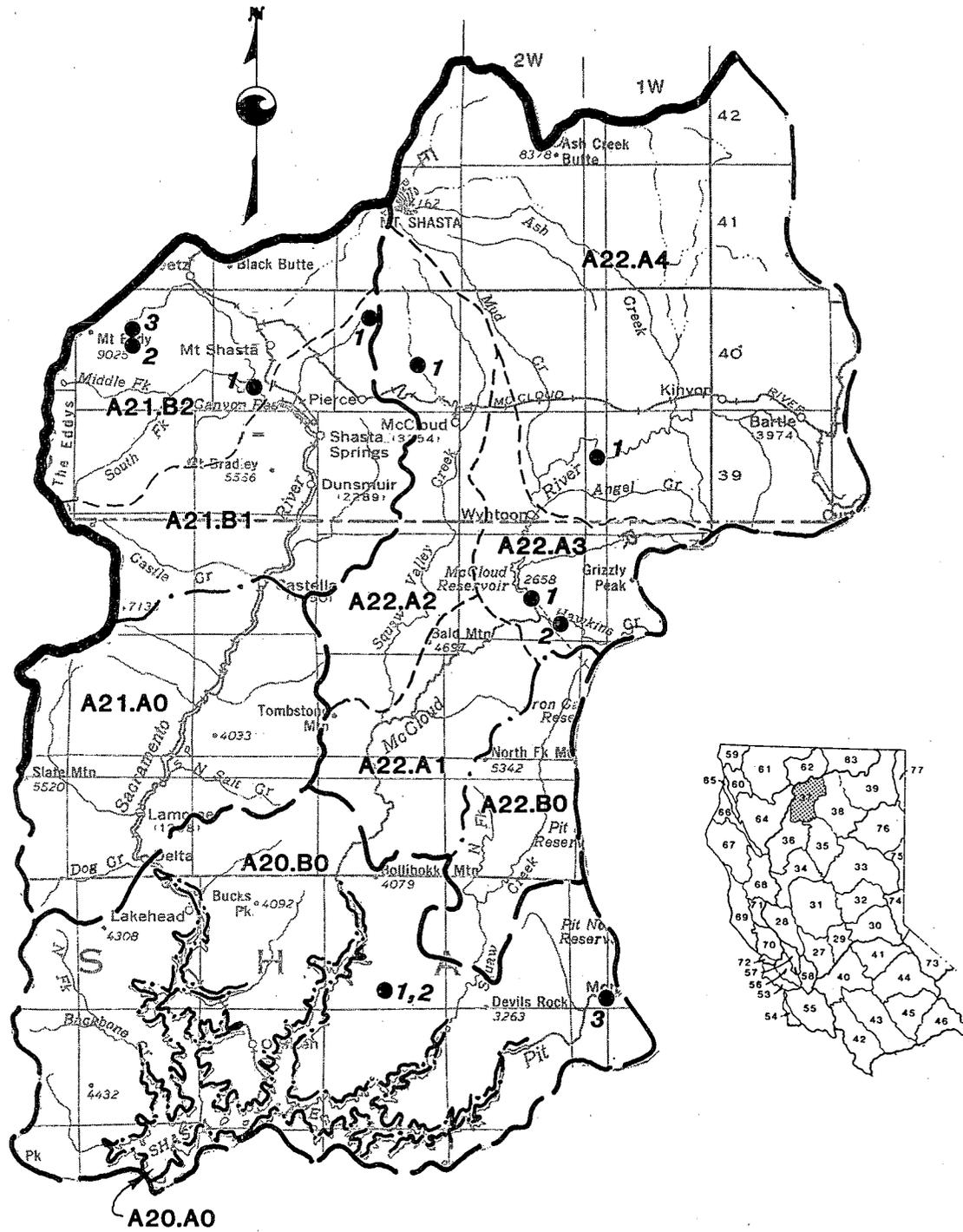


A15 & A18

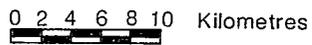
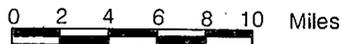


A16, A17 & A19

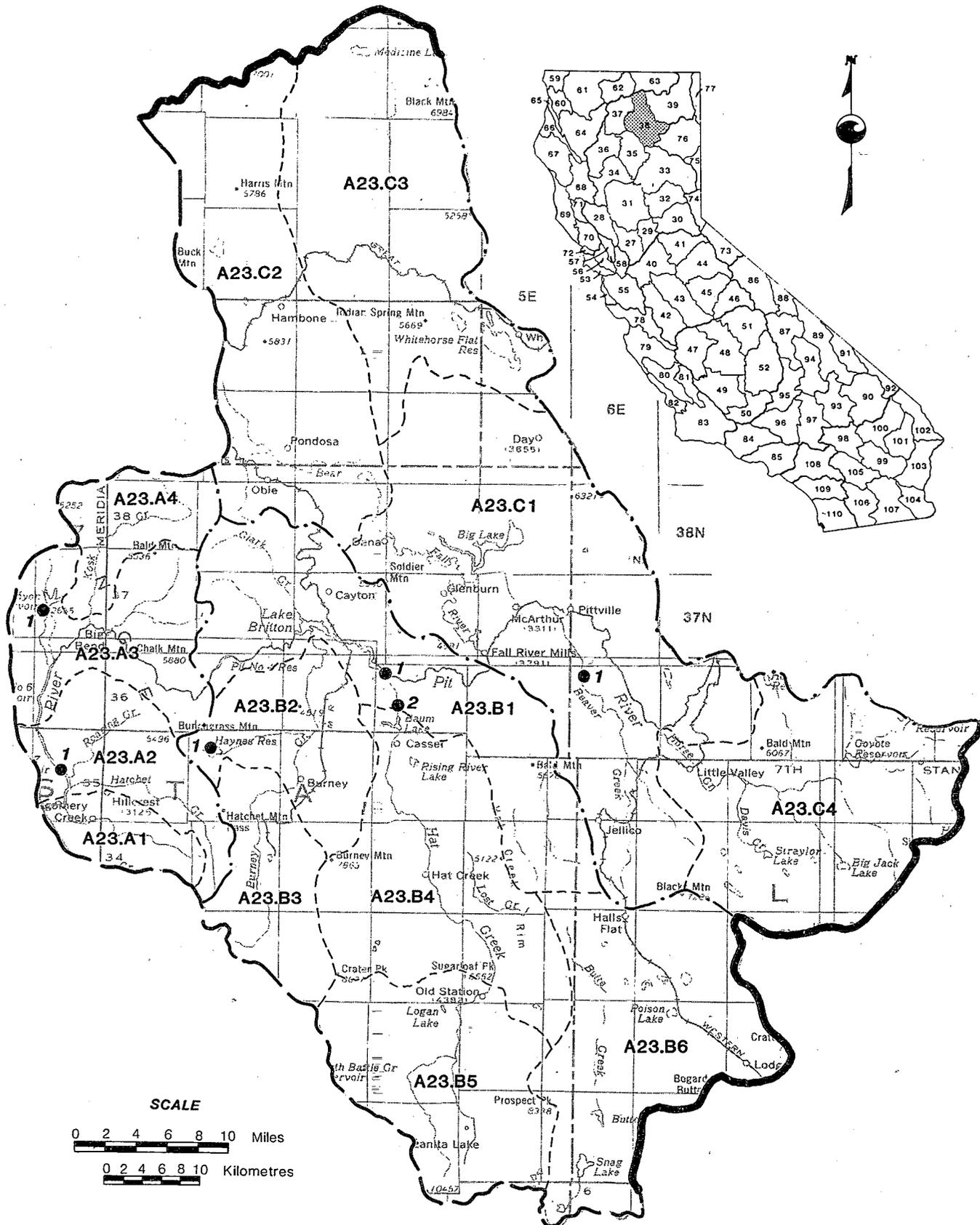
D-0001563



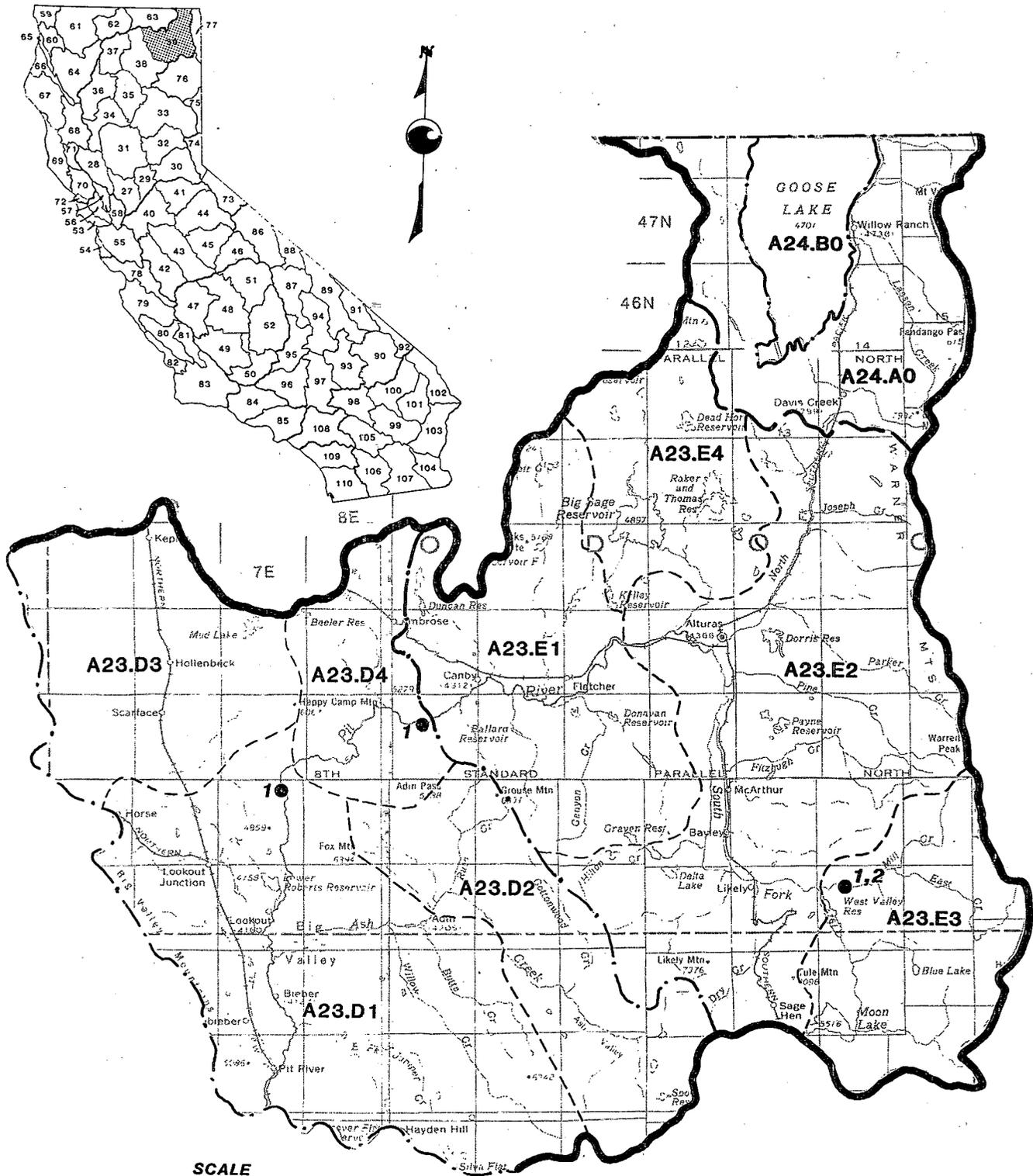
SCALE



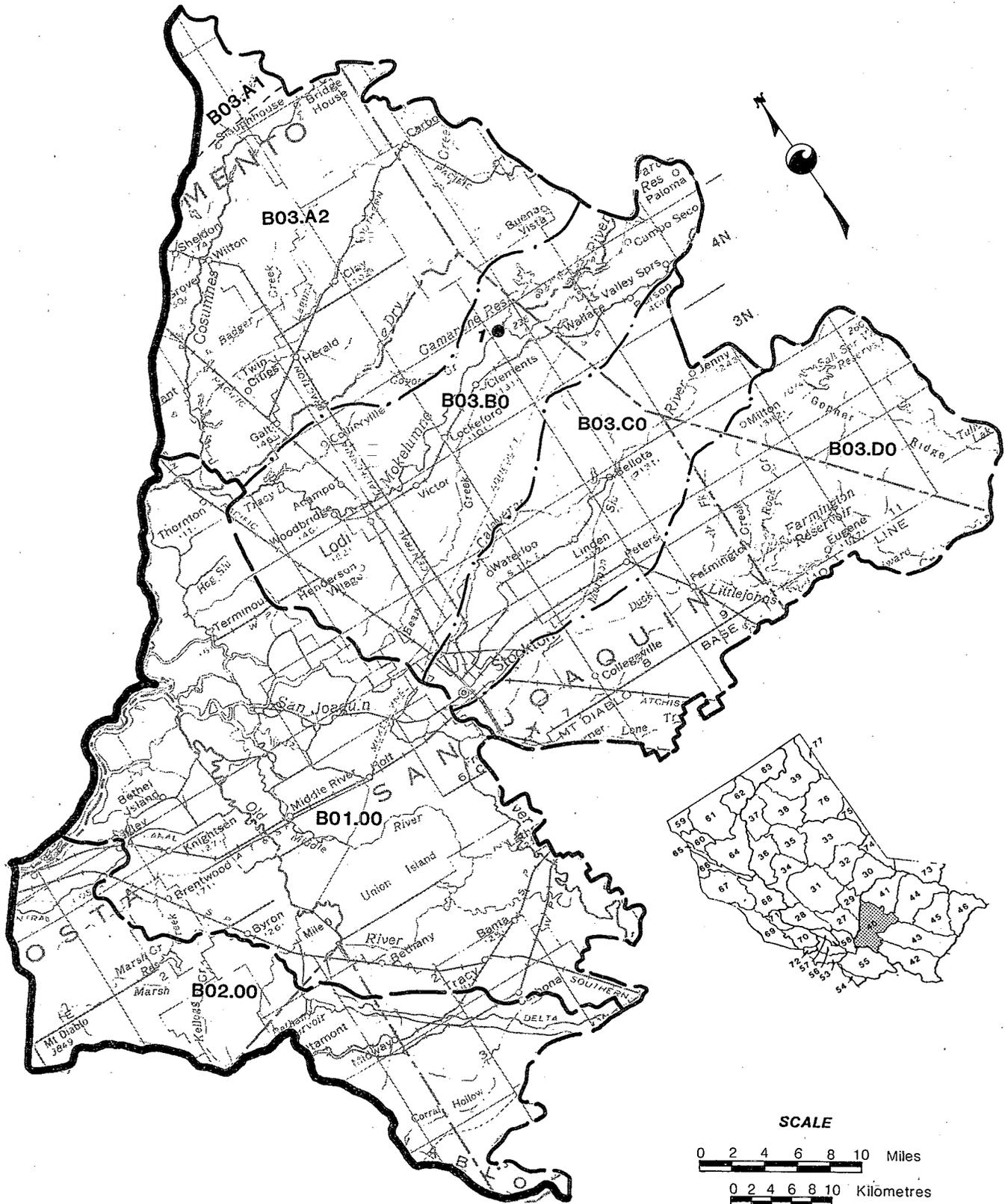
A20, A21 & A22



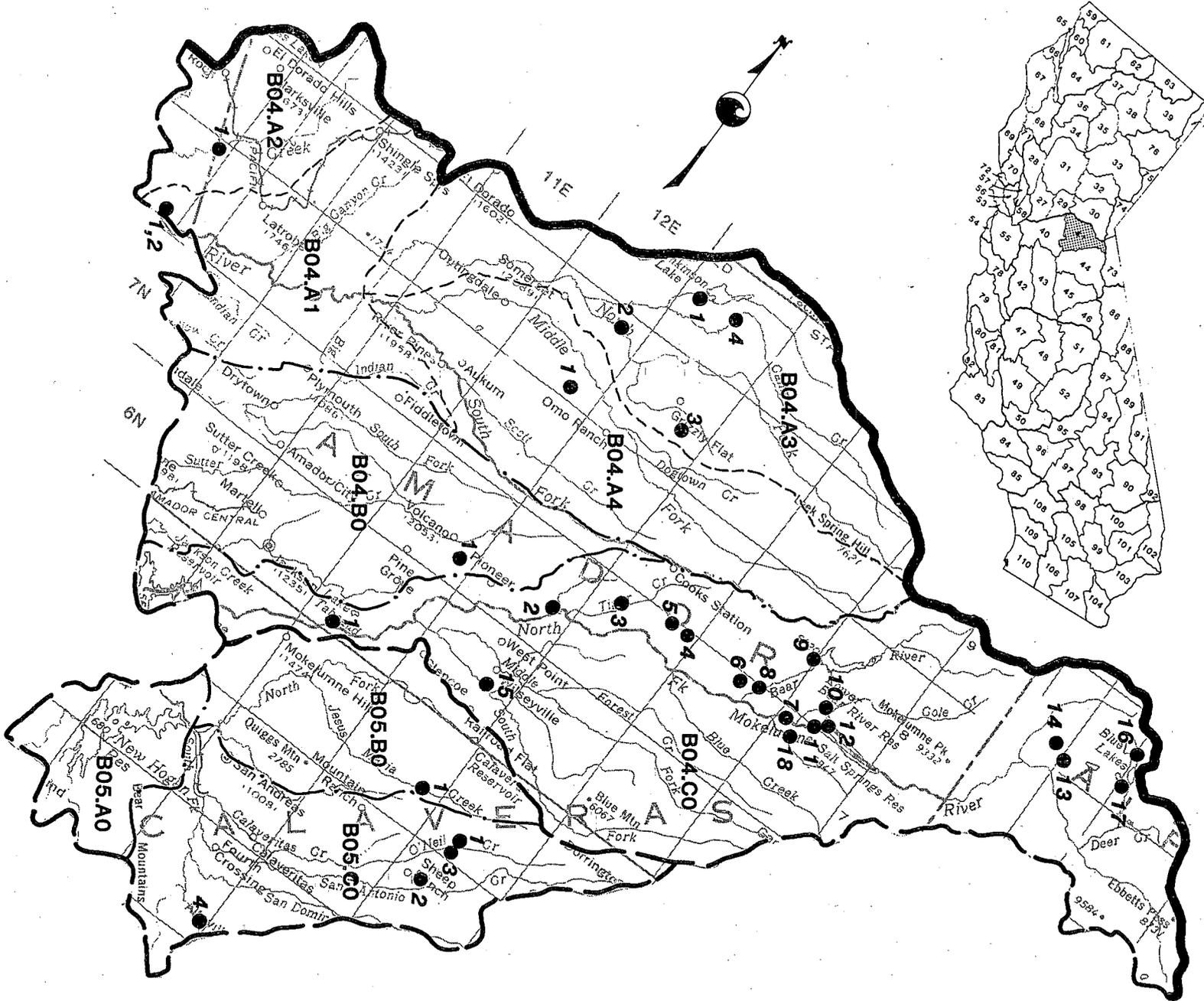
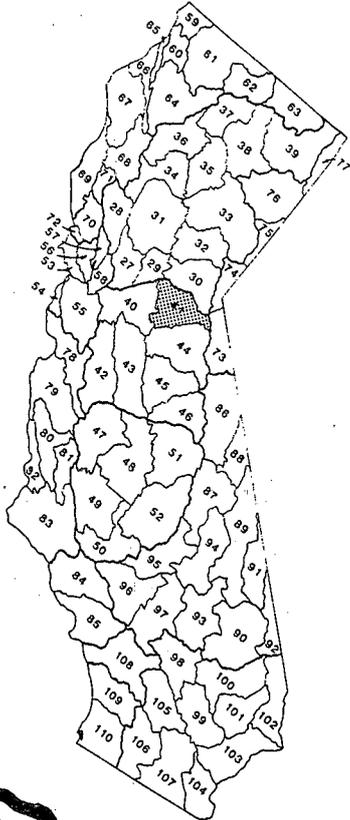
A23.A, B & C



A23.D, E & A24



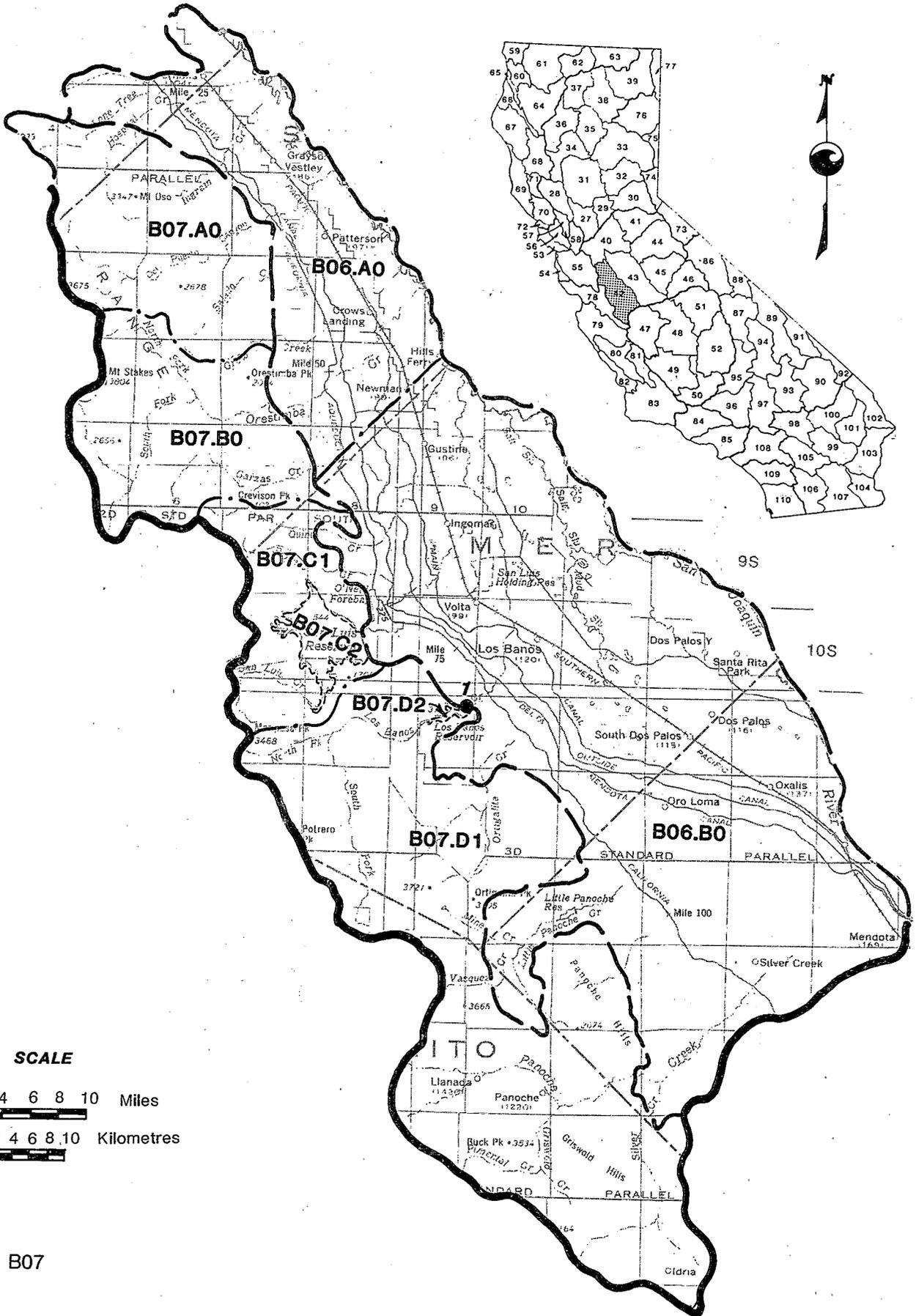
B01, B02 & B03



SCALE

B04 & B05

D-0001568



SCALE

0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres

B06 & B07



B08

43

D-001570

D-001570

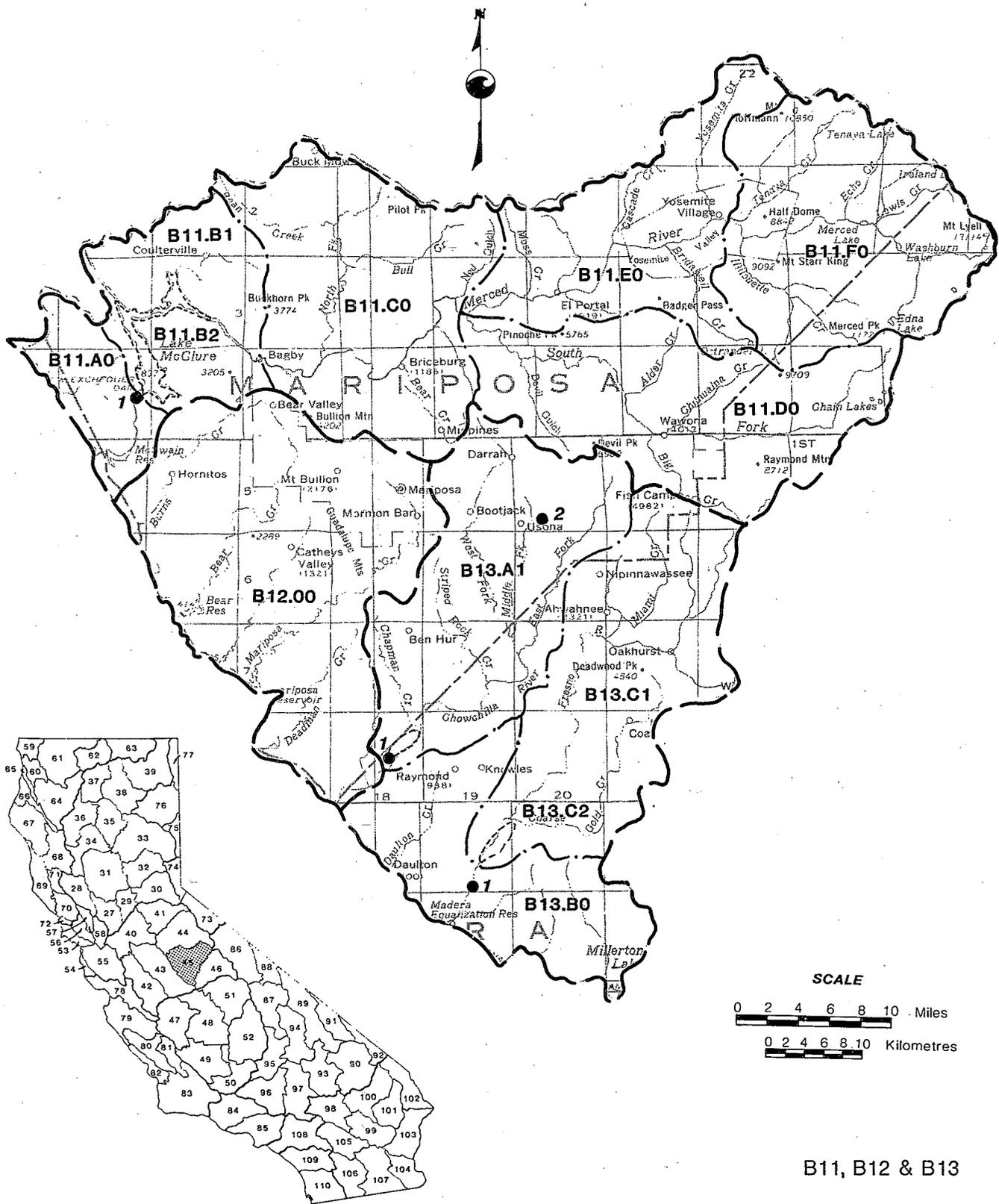


SCALE

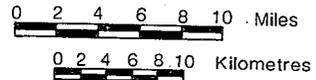
0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres

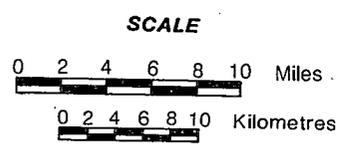
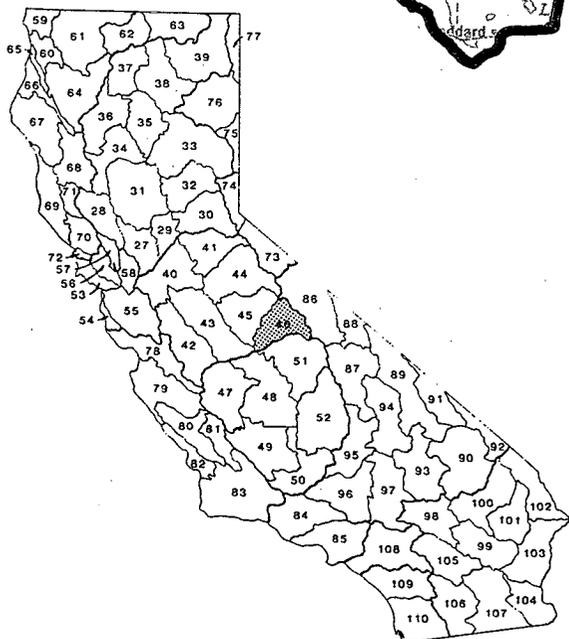
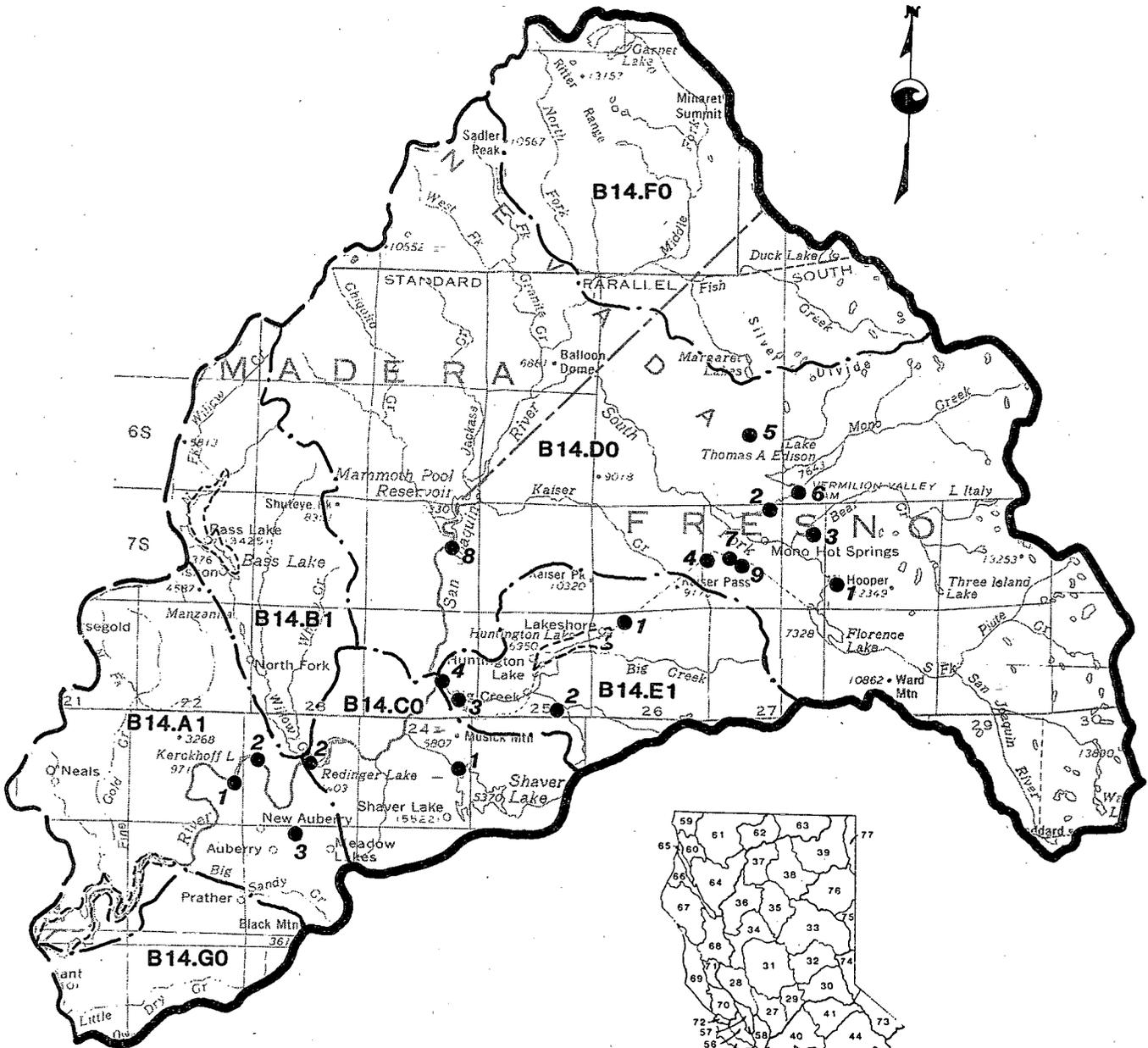
B09 & B10



SCALE

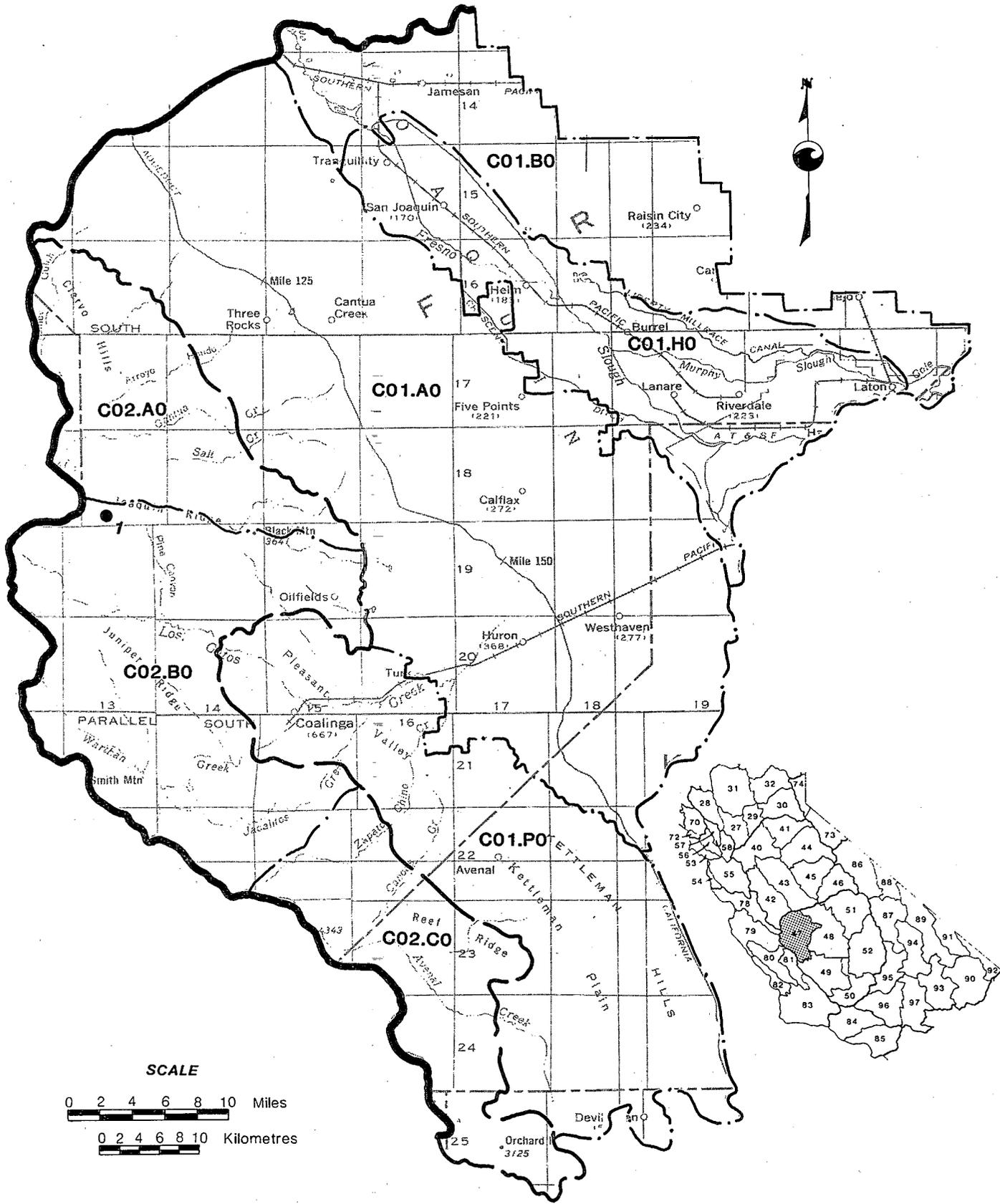


B11, B12 & B13

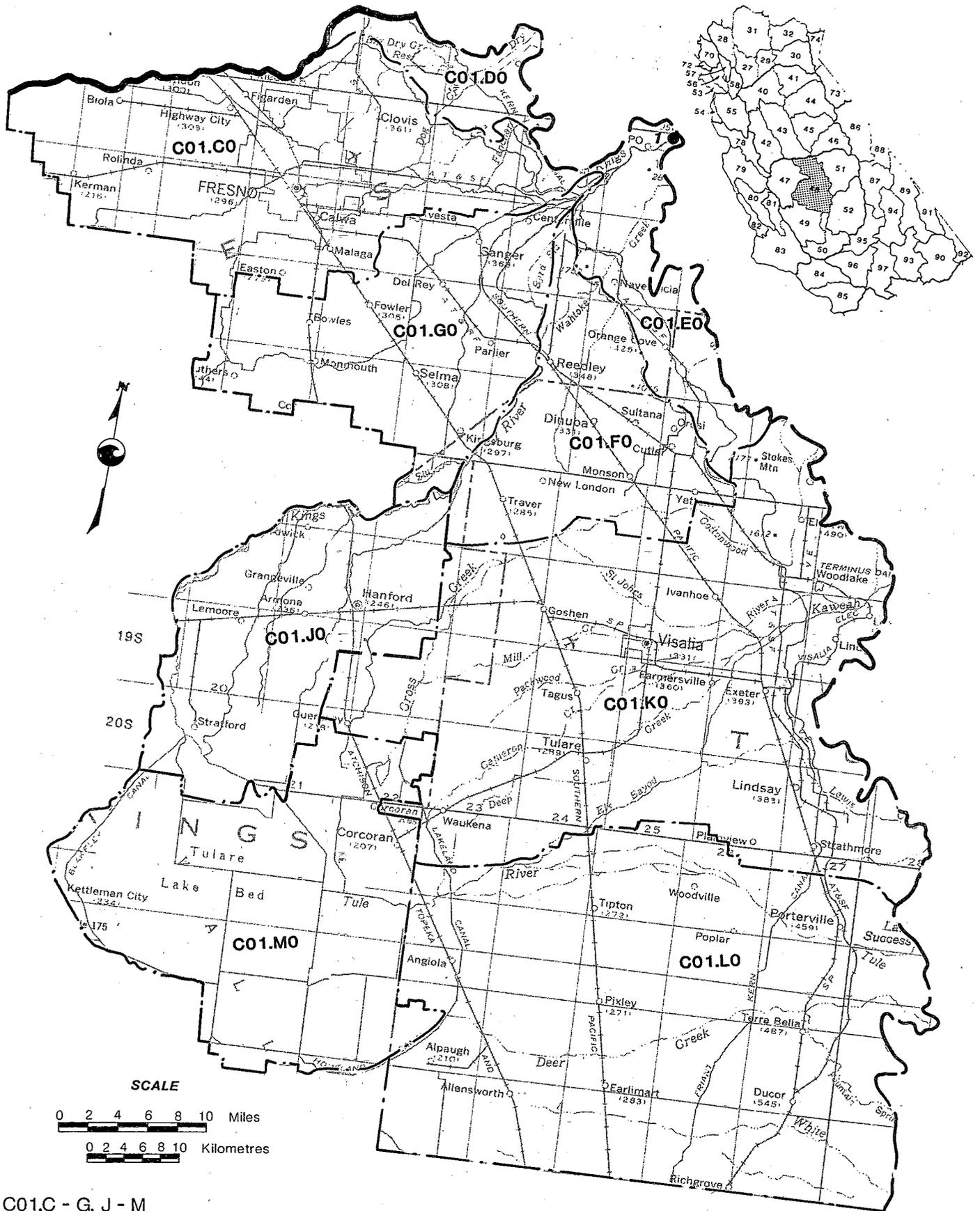


B14

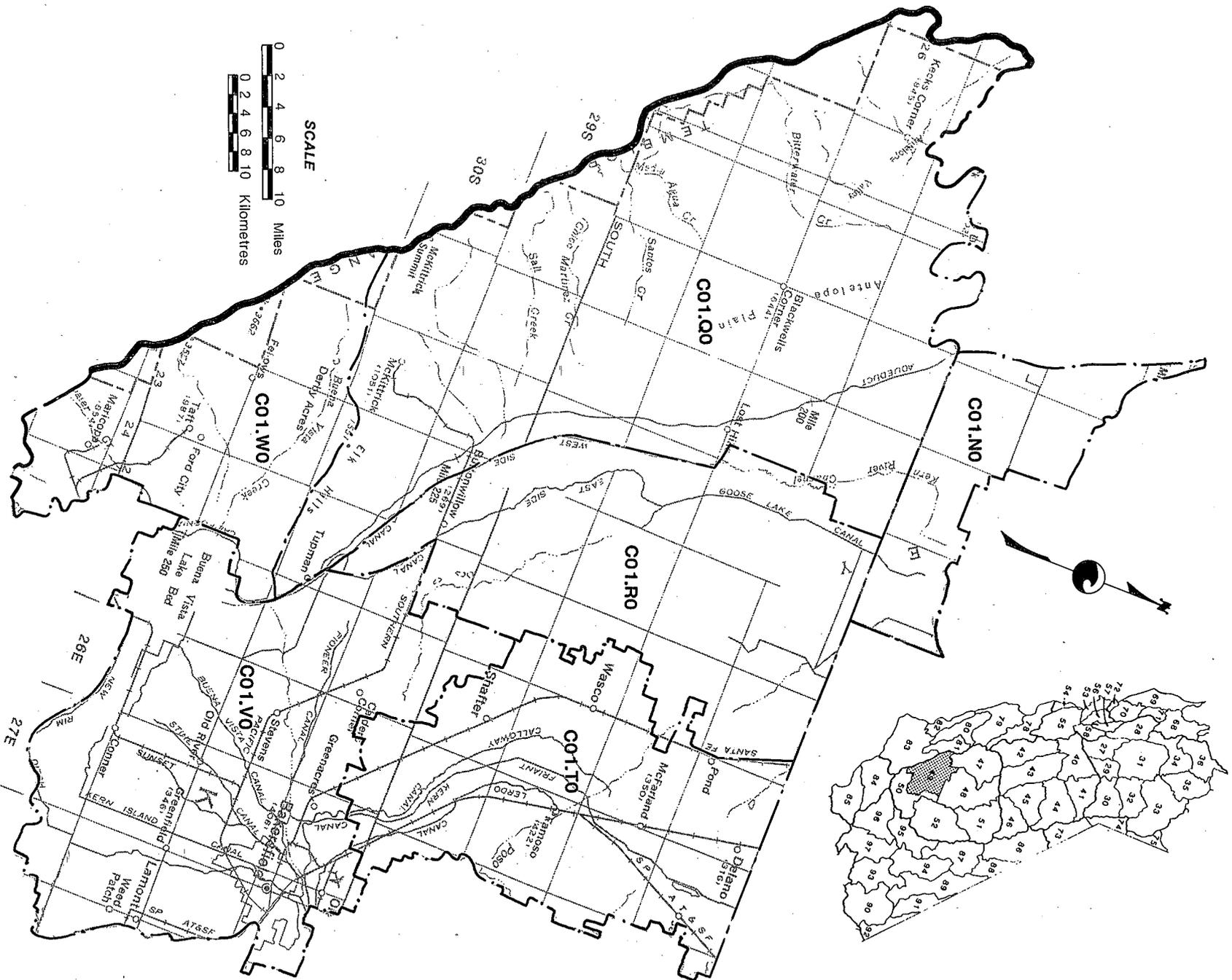
46



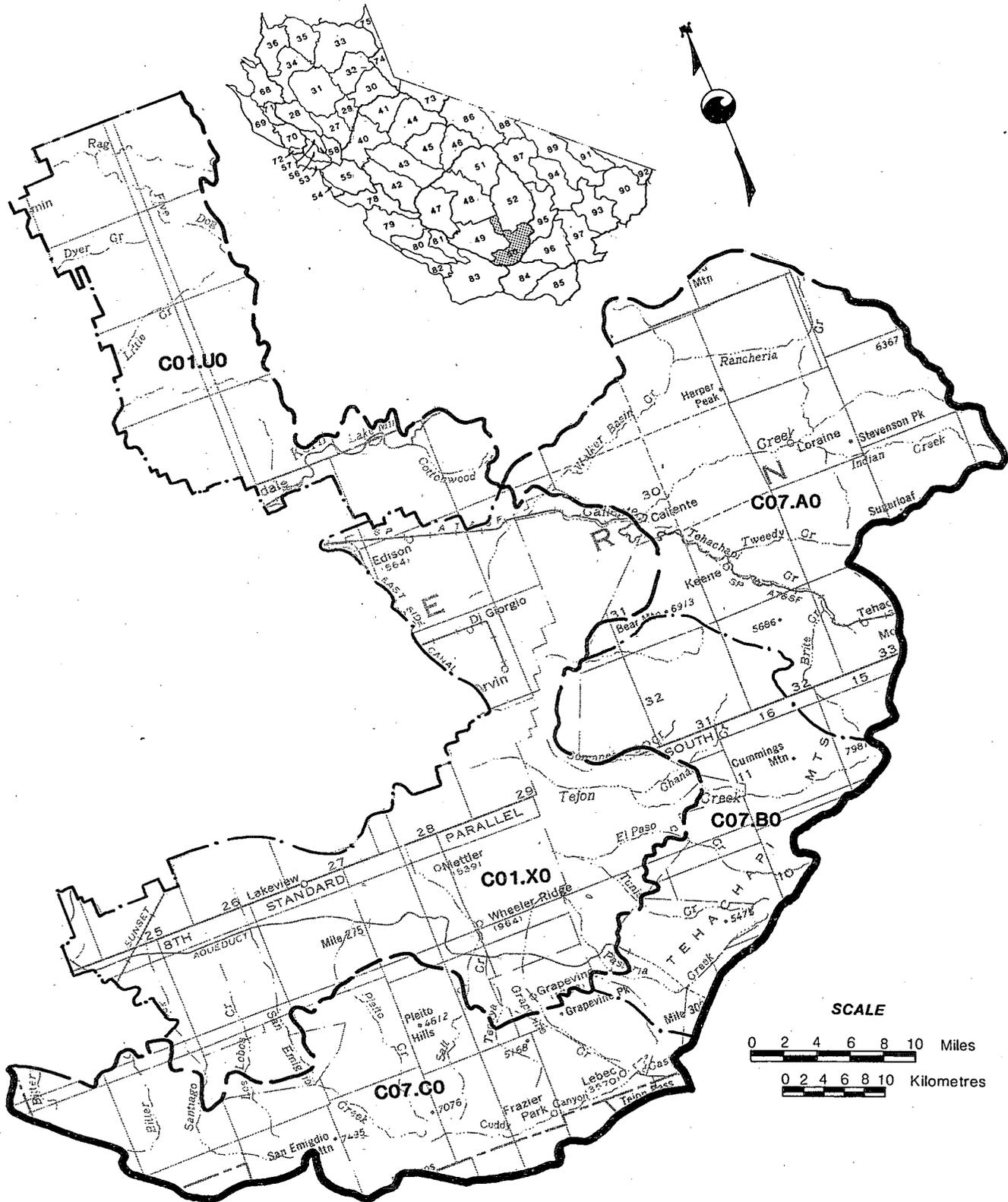
C01.A, B, H, P & C02



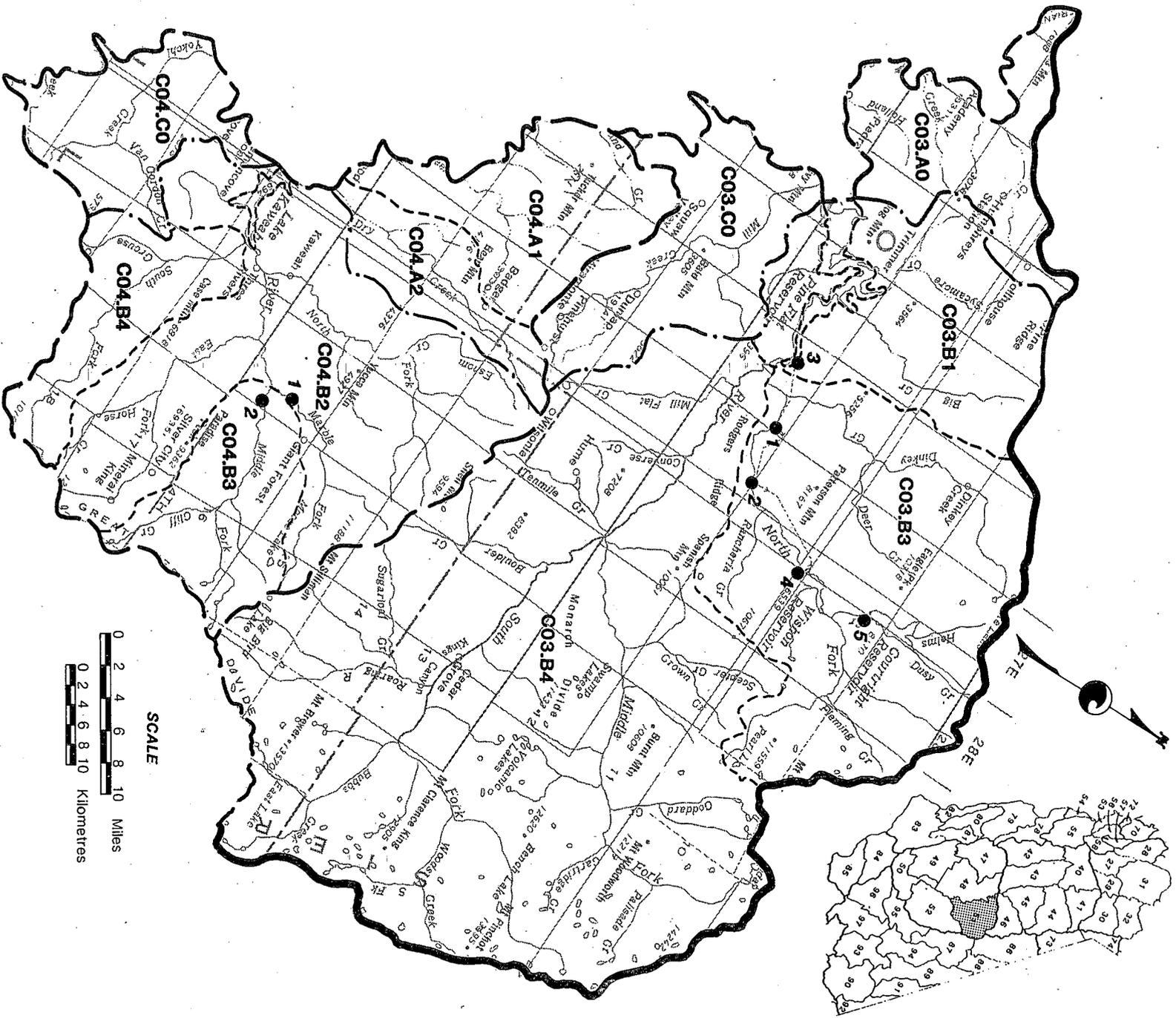
C01.C - G, J - M



CO1.N, Q, R, T, V & W

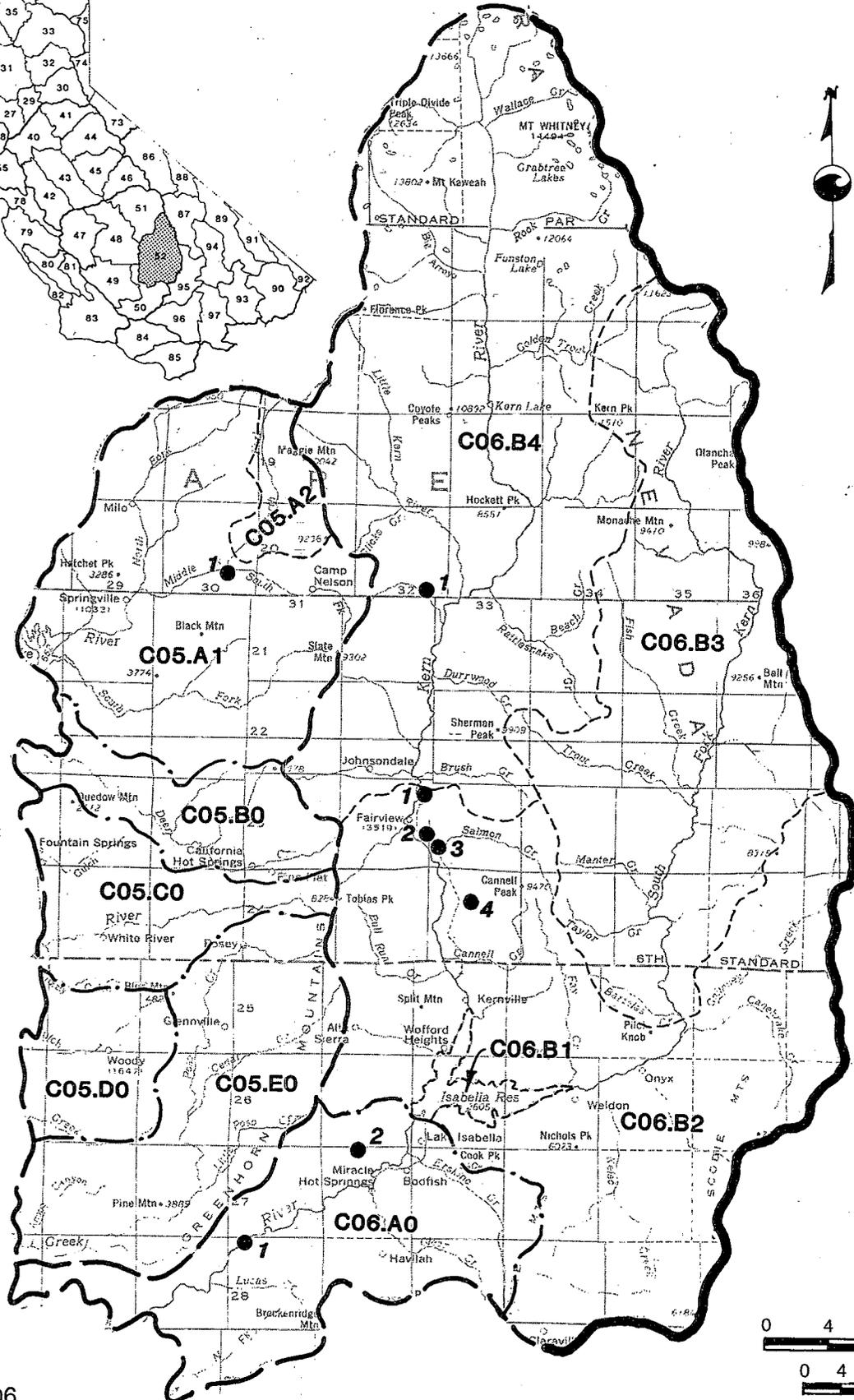
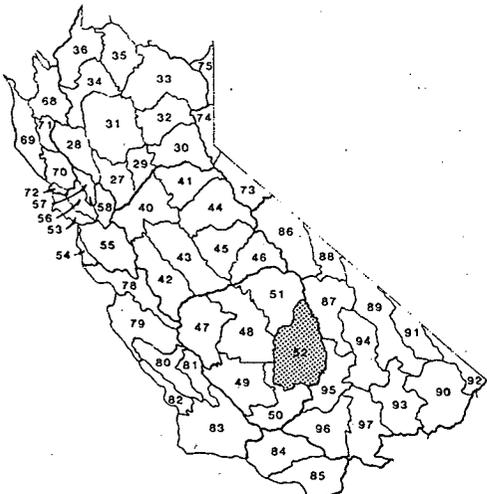


C01.U, X & C07

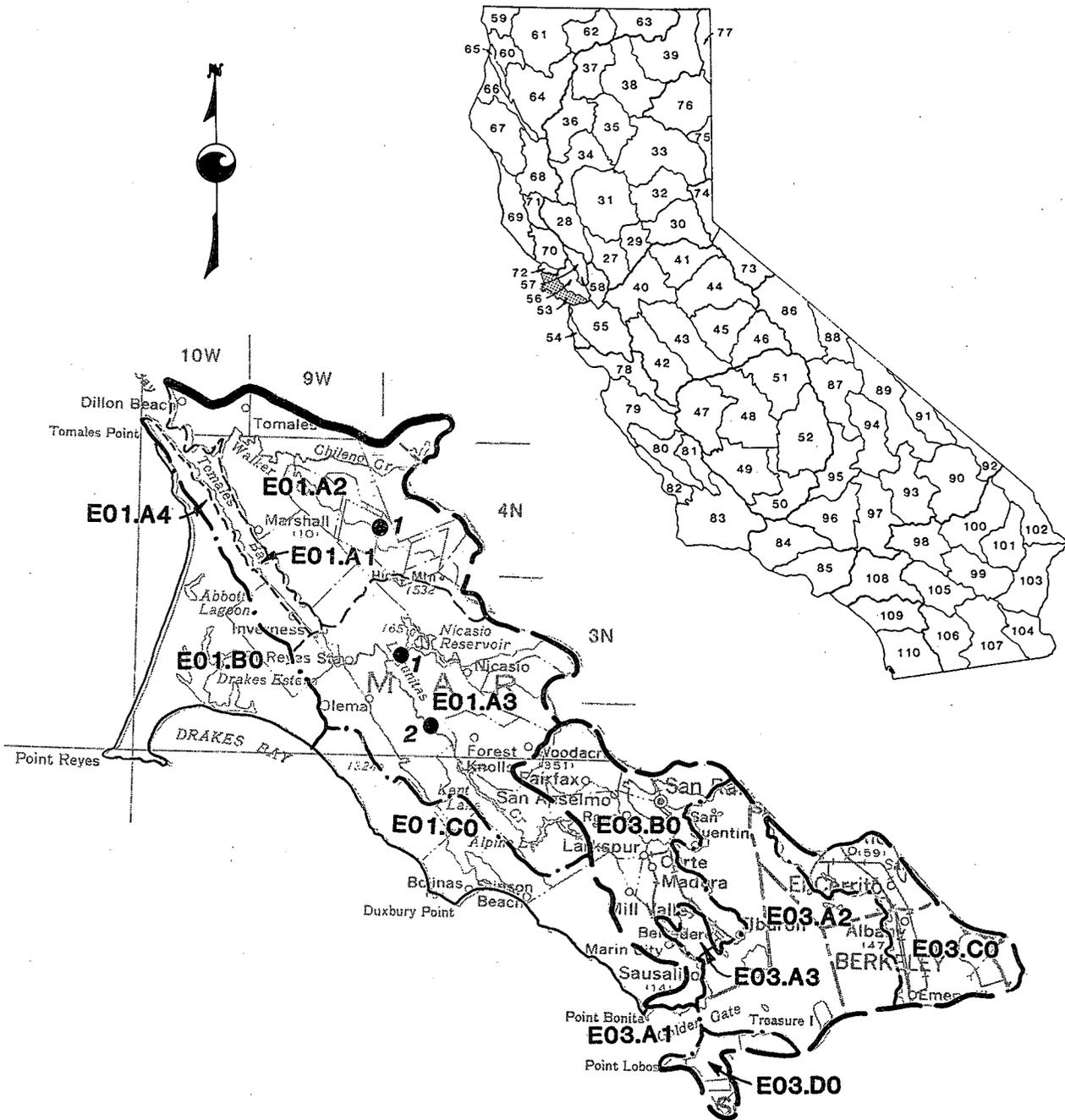


SCALE
 0 2 4 6 8 10 Miles
 0 2 4 6 8 10 Kilometres

CO3 & CO4



C05 & C06

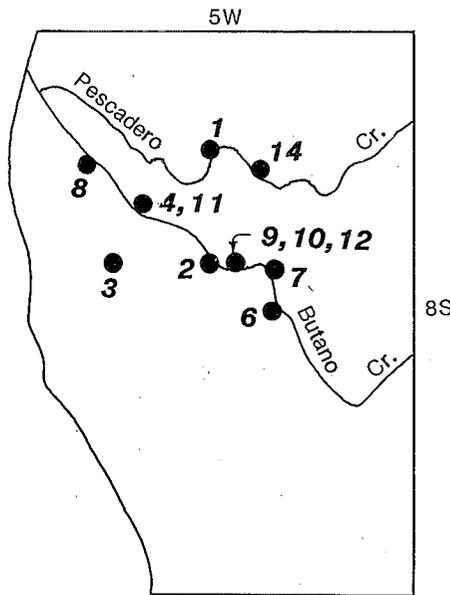
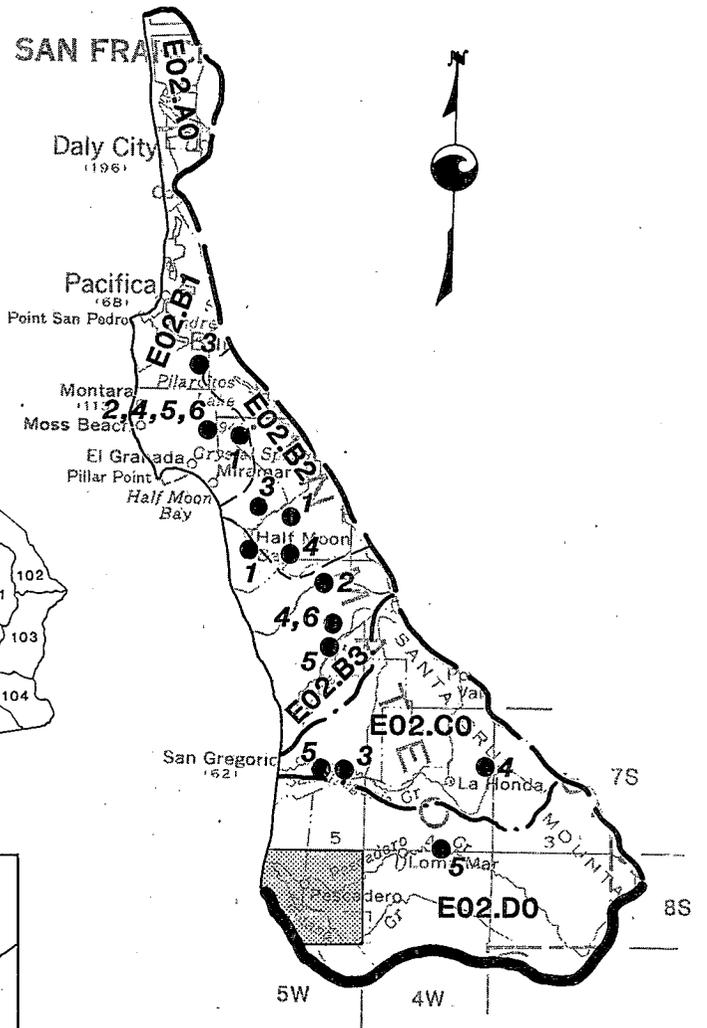
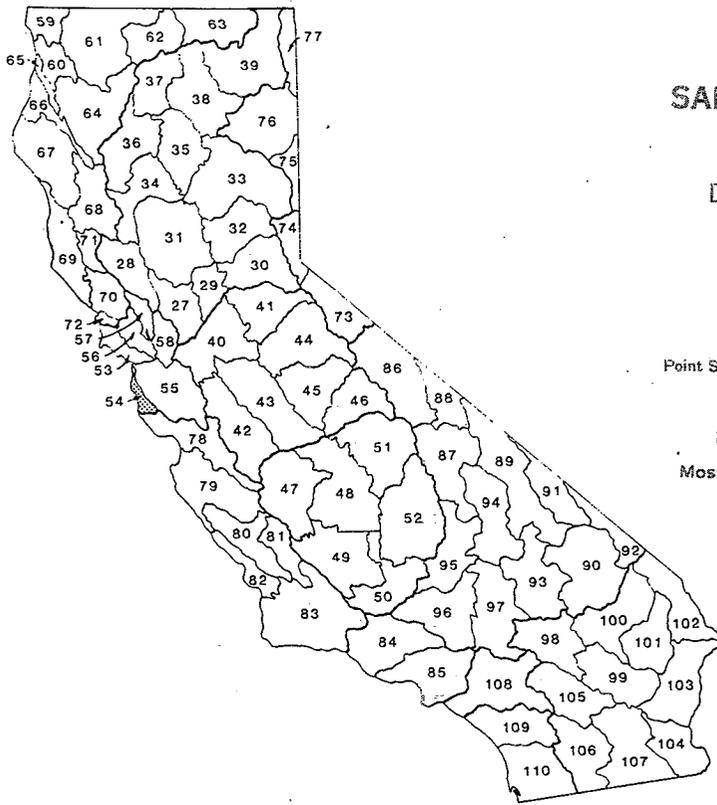


SCALE

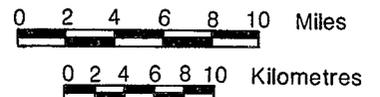
0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres

E01 & E03

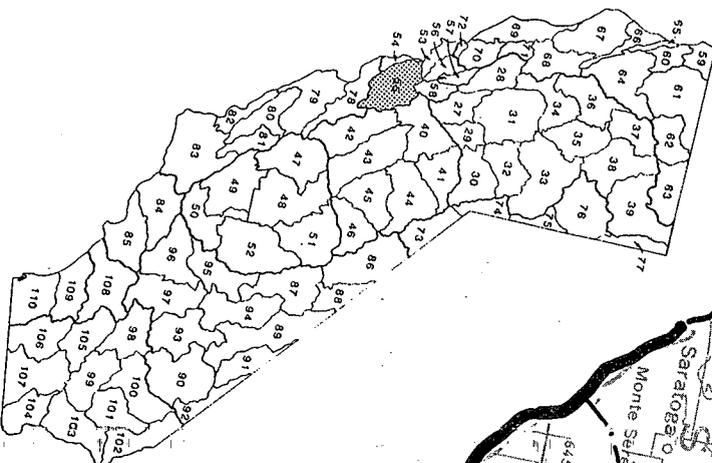


SCALE

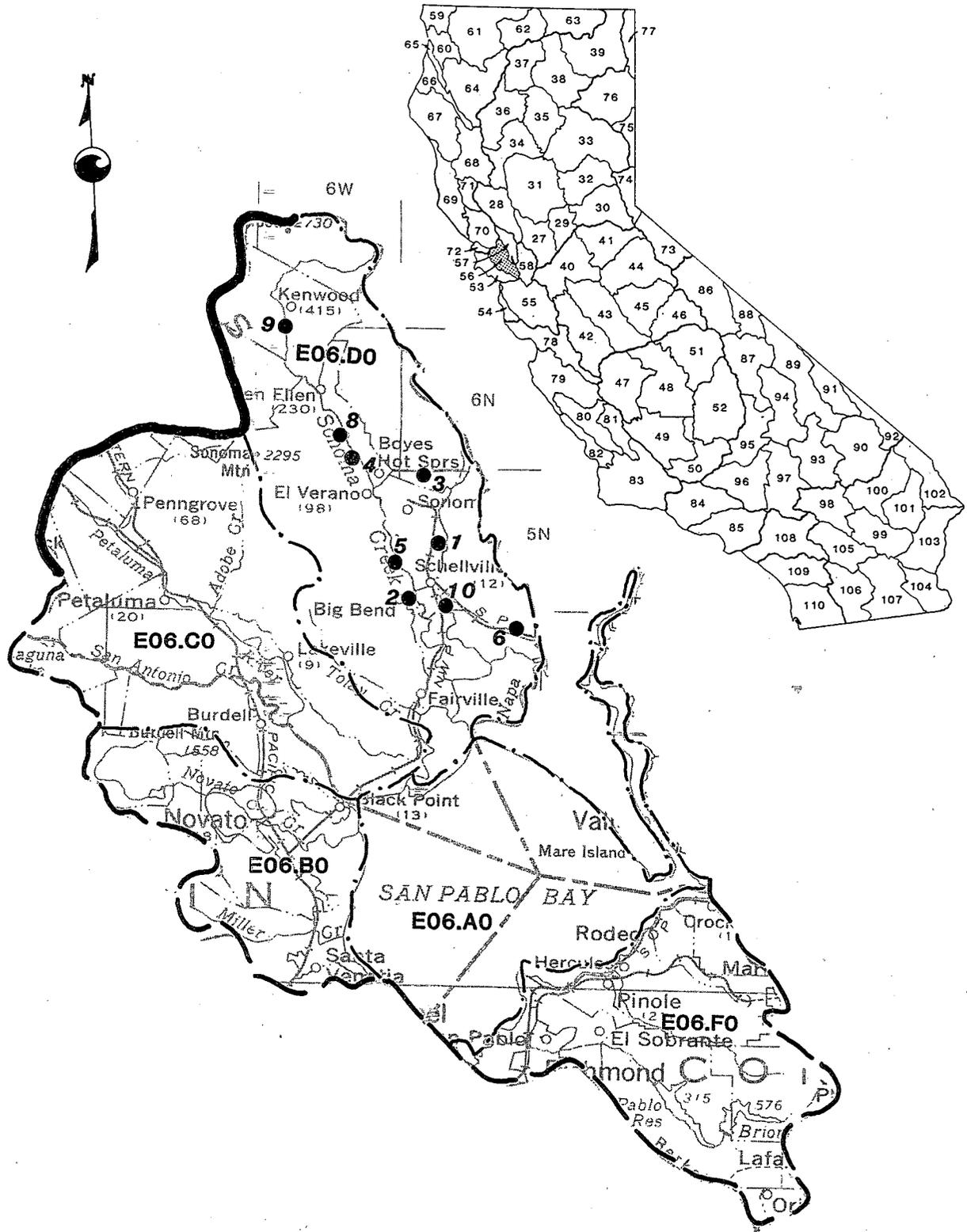


E02

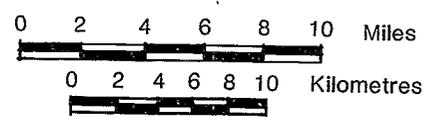
54



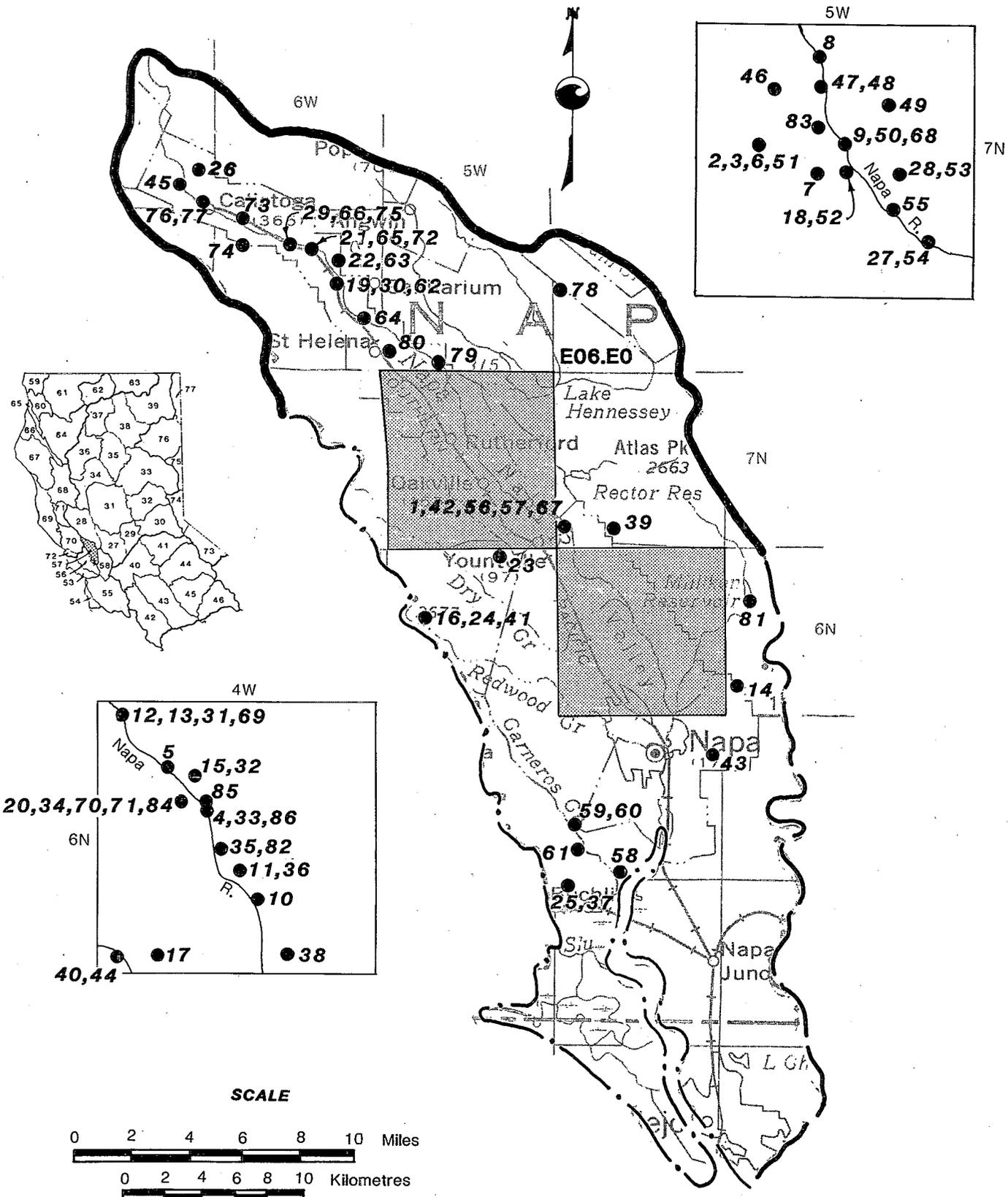
E04 & E05



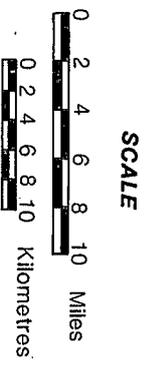
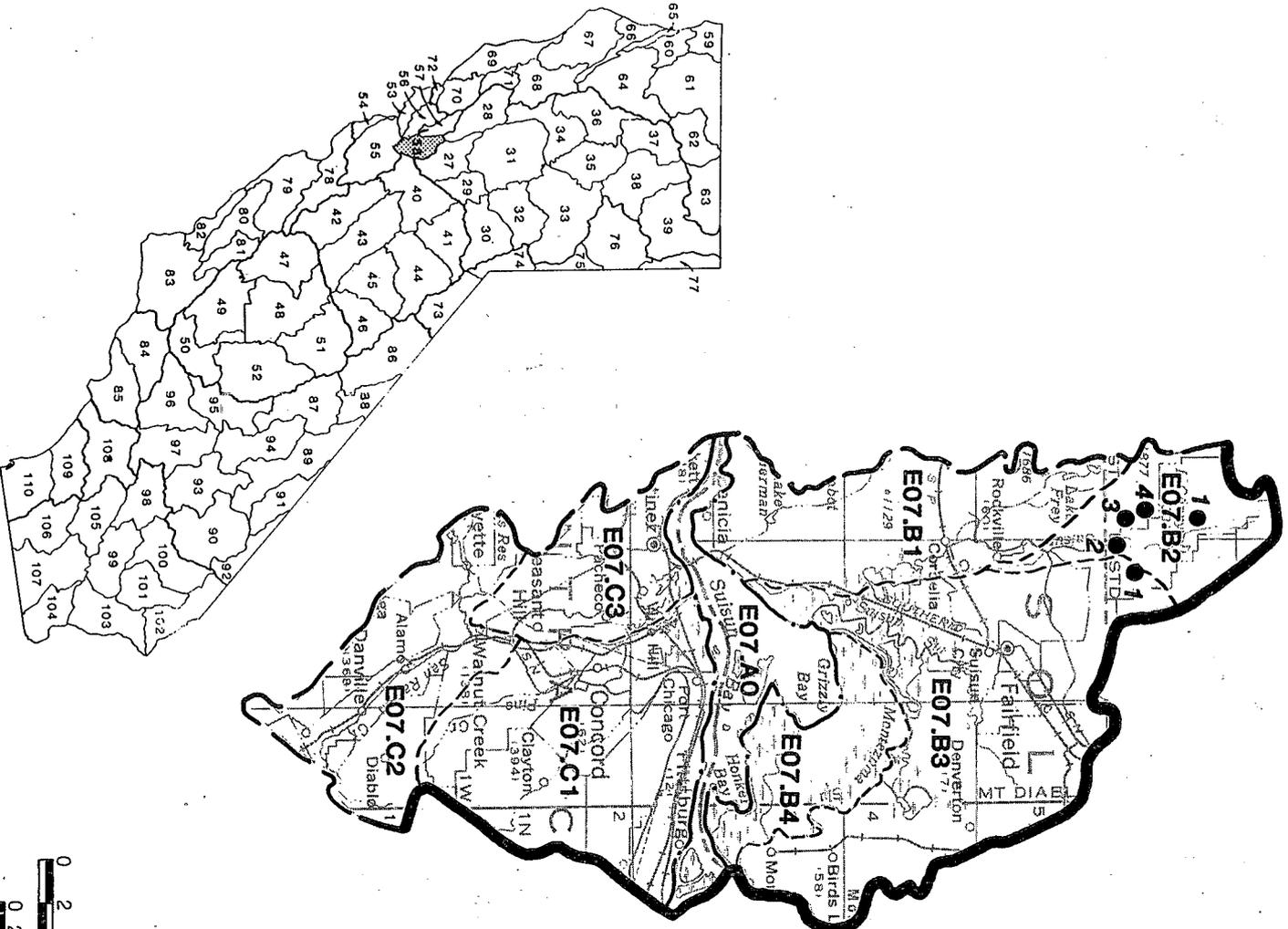
SCALE



E06.A - D & F



E06.E

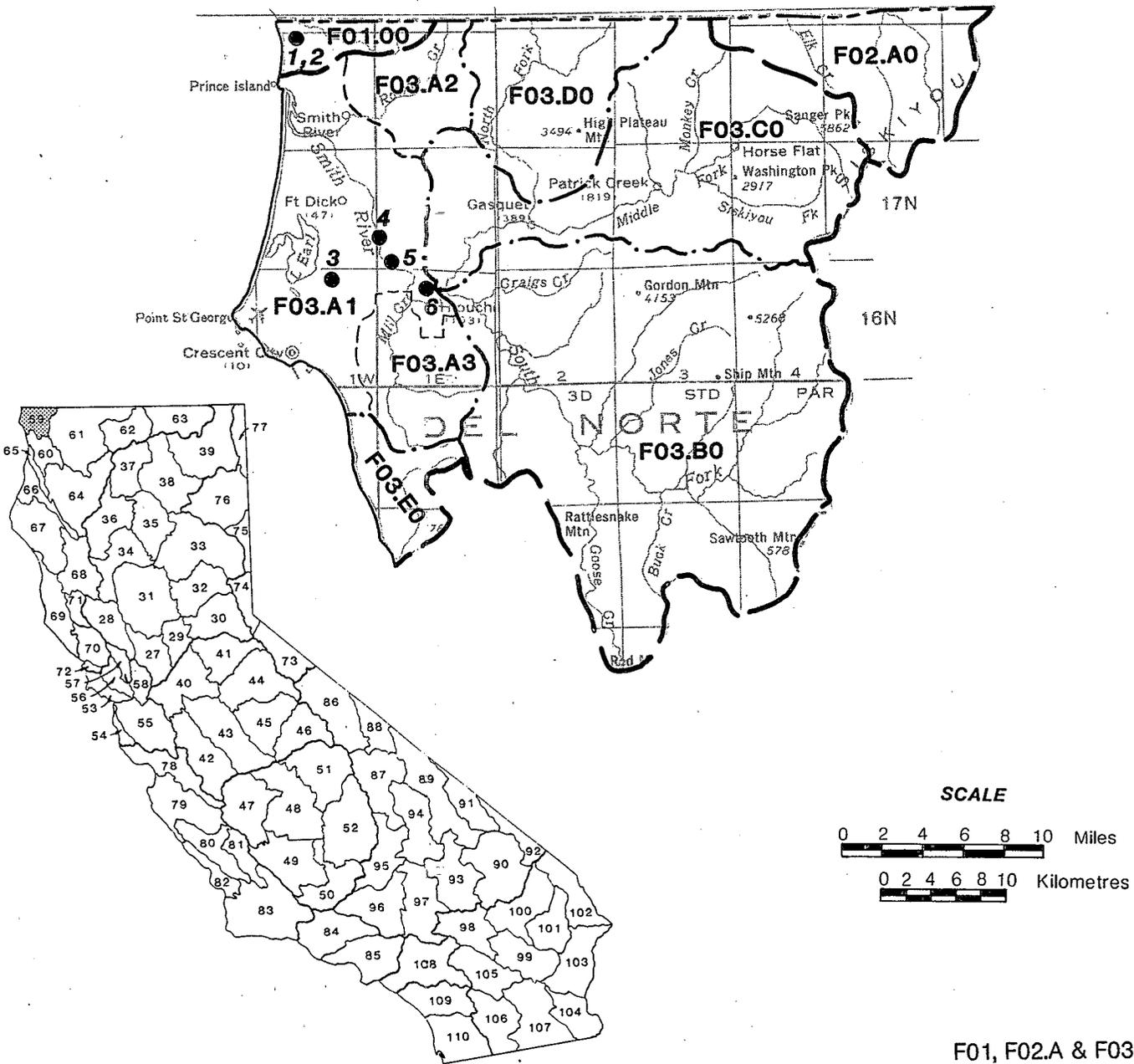


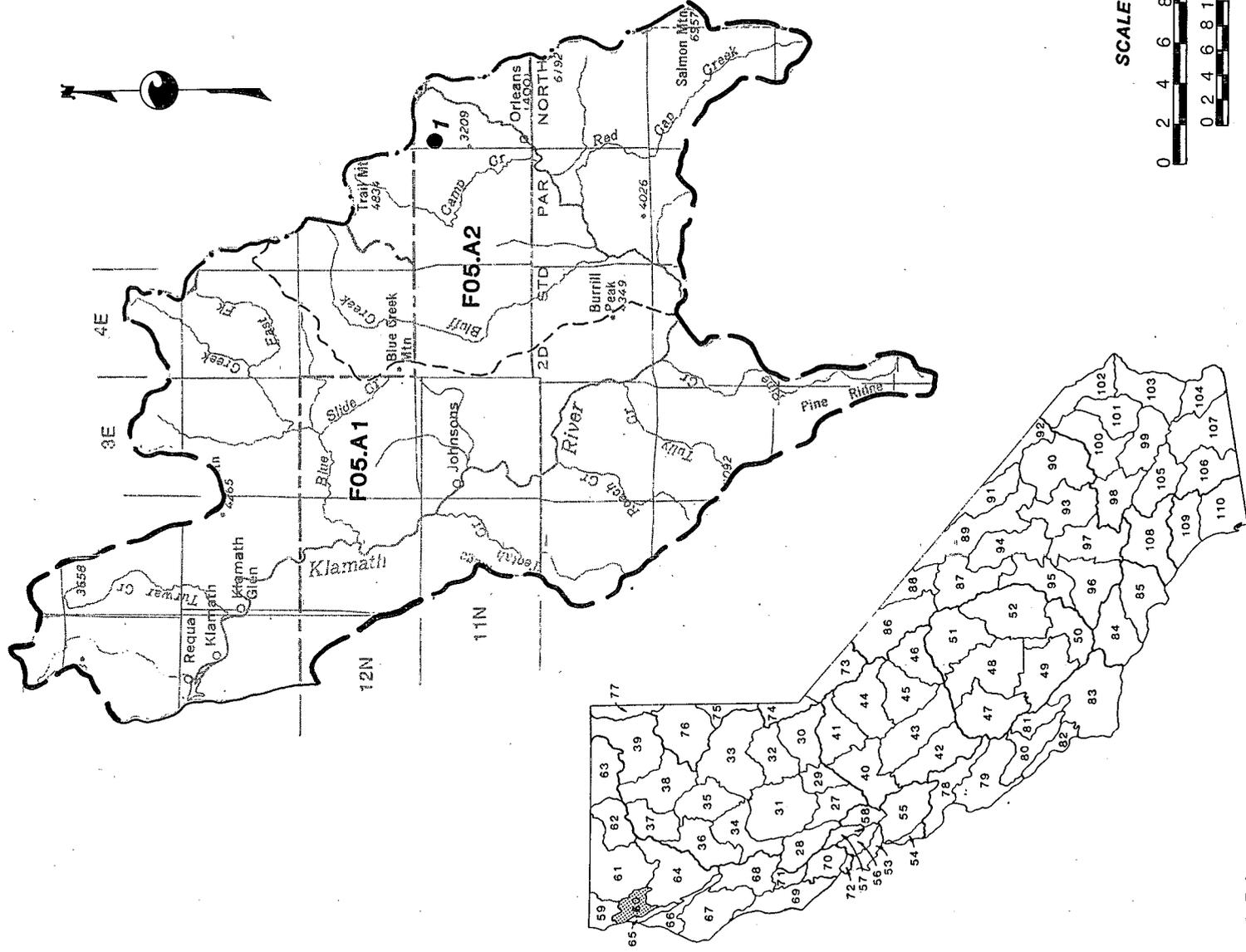
E07

58

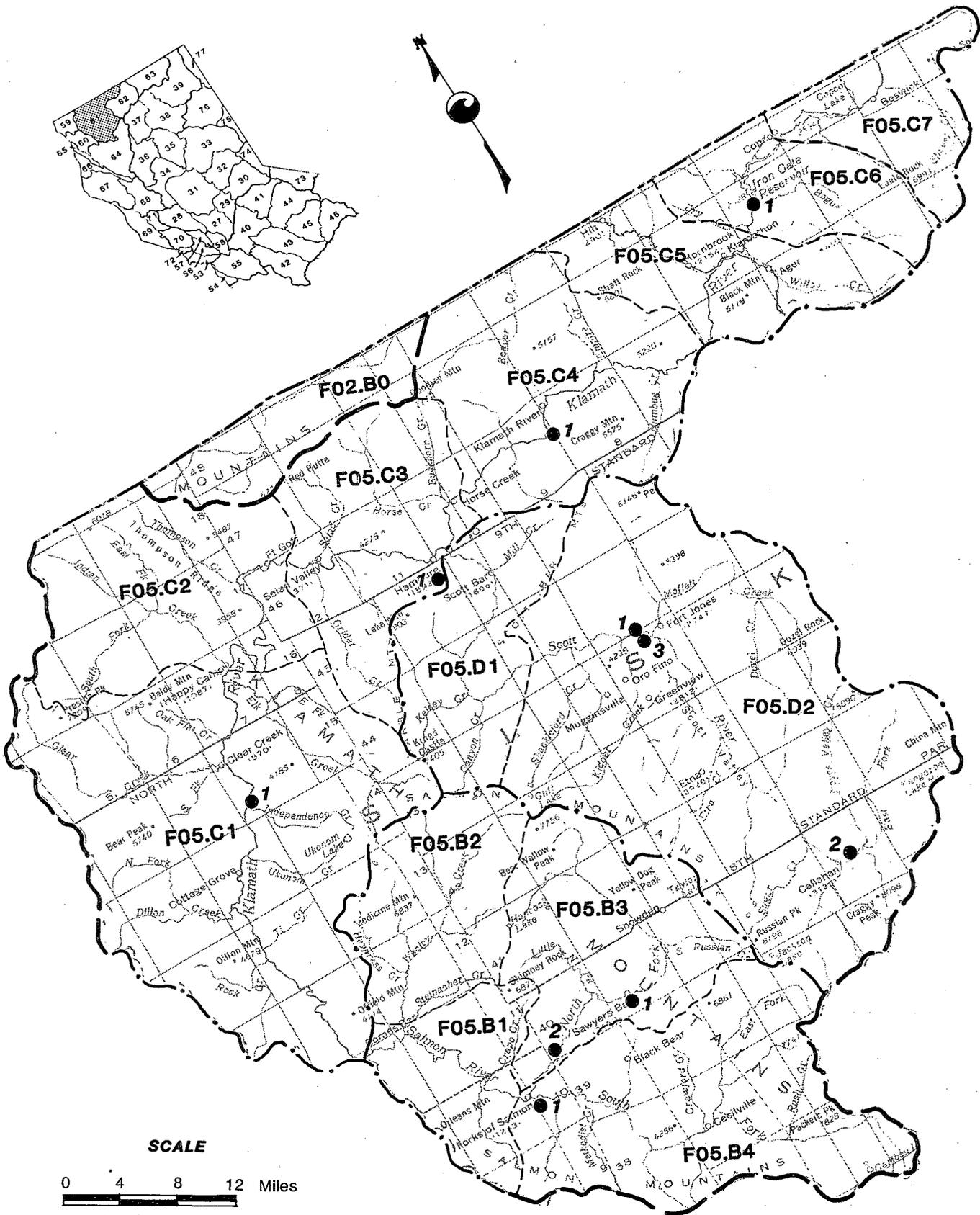
D-001585

D-001585

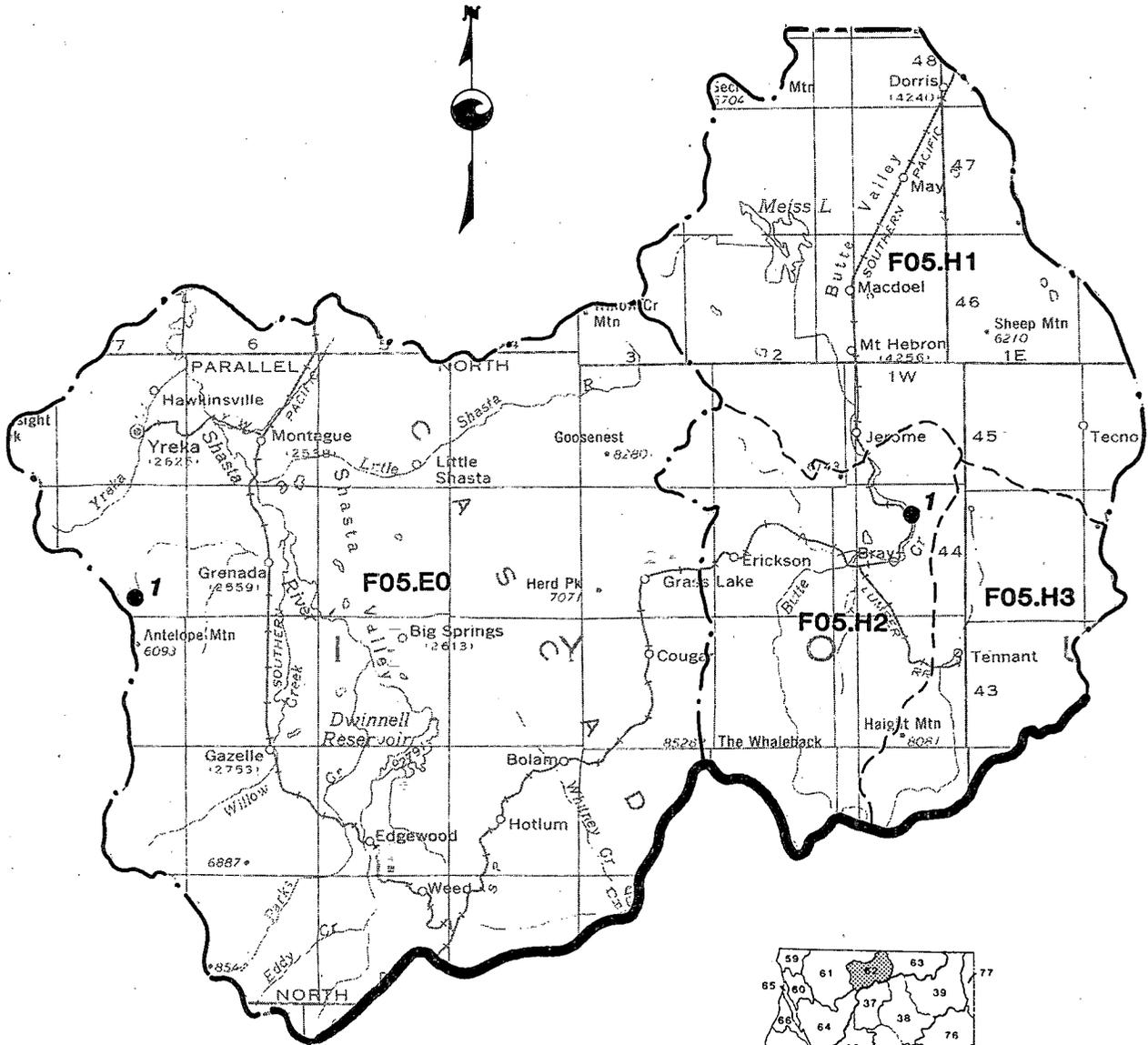




F05.A



F02.B, F05.B, C & D

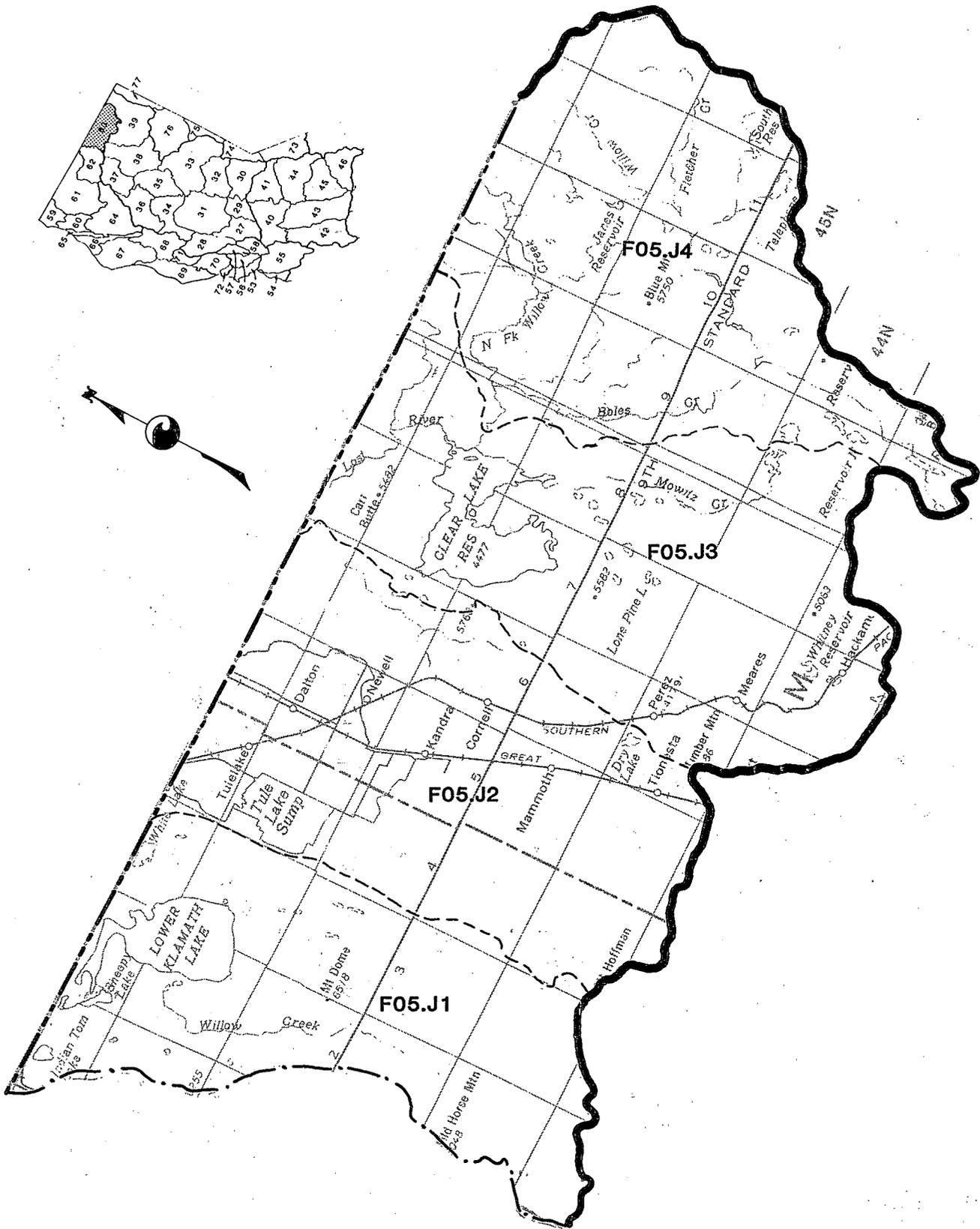
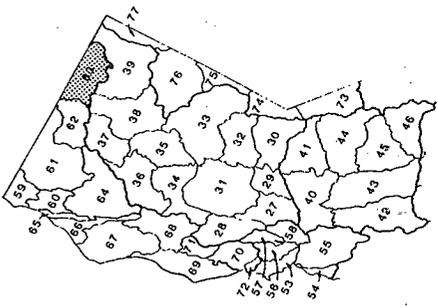


SCALE

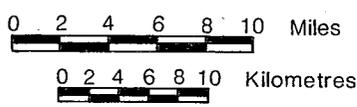
0 2 4 6 8 10 Miles

0 2 4 6 8 10 Kilometres

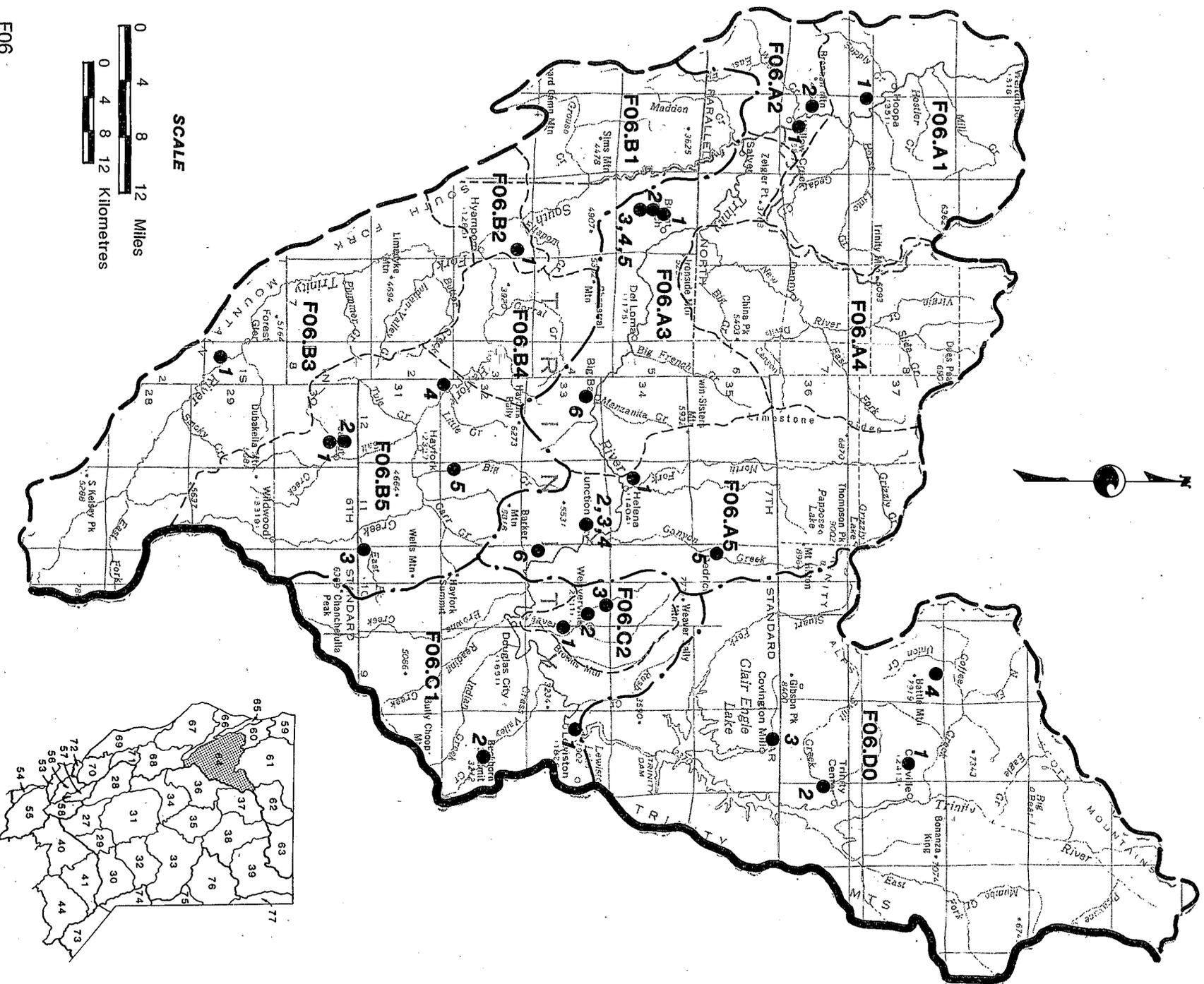
F05.E & H



SCALE



F05.J

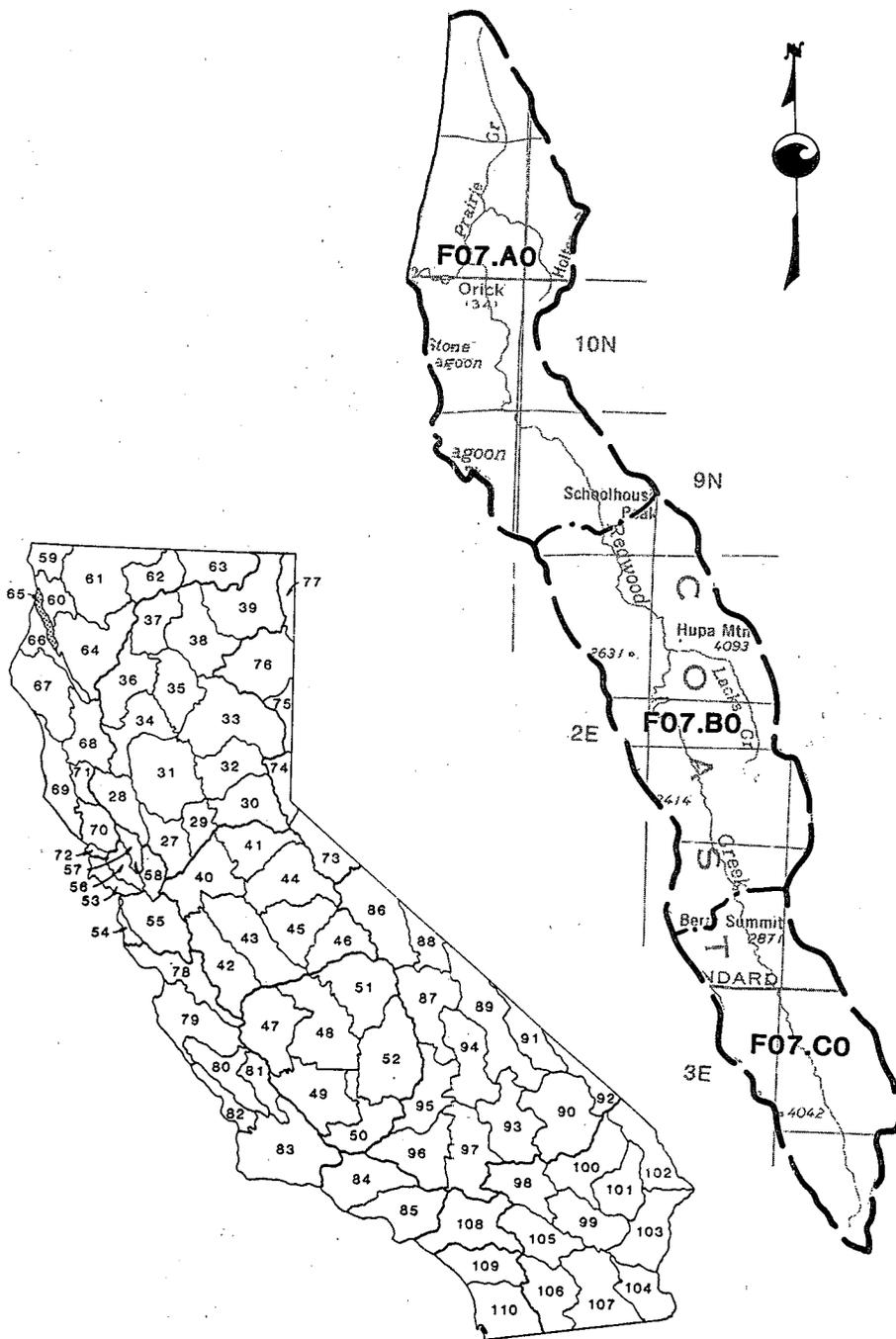


F06

64

D-001591

D-001591



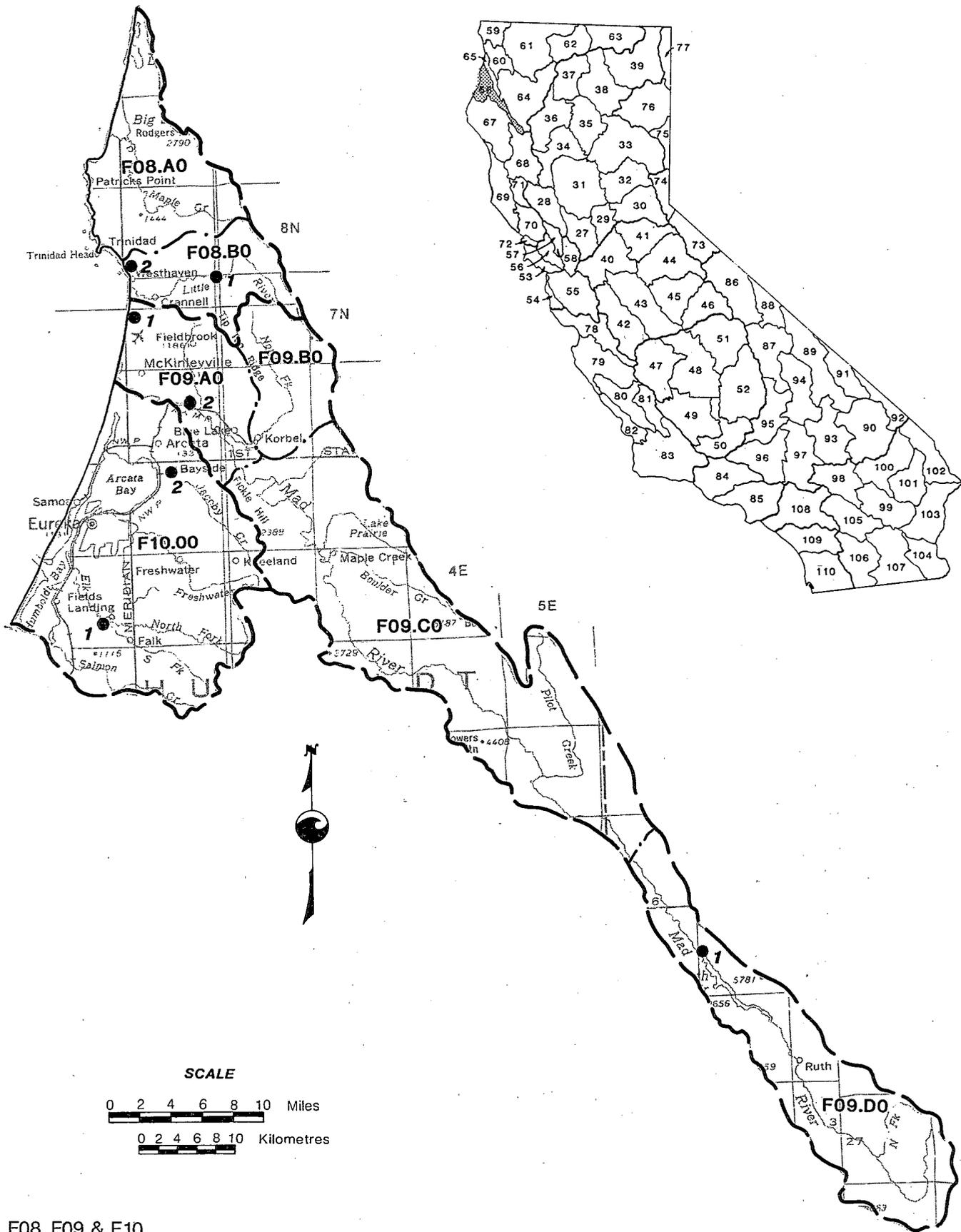
SCALE

0 2 4 6 8 10 Miles

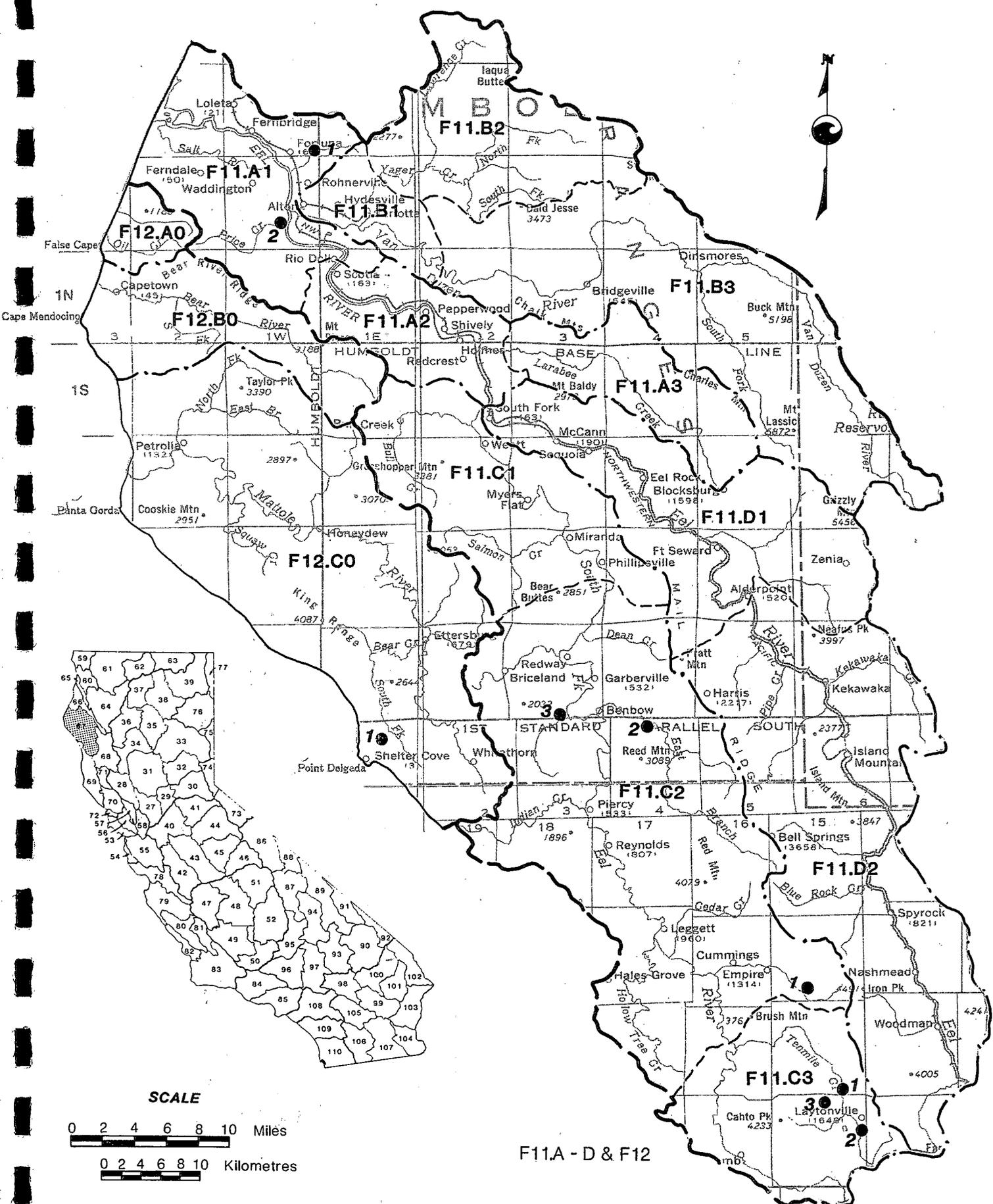
0 2 4 6 8 10 Kilometres

F07

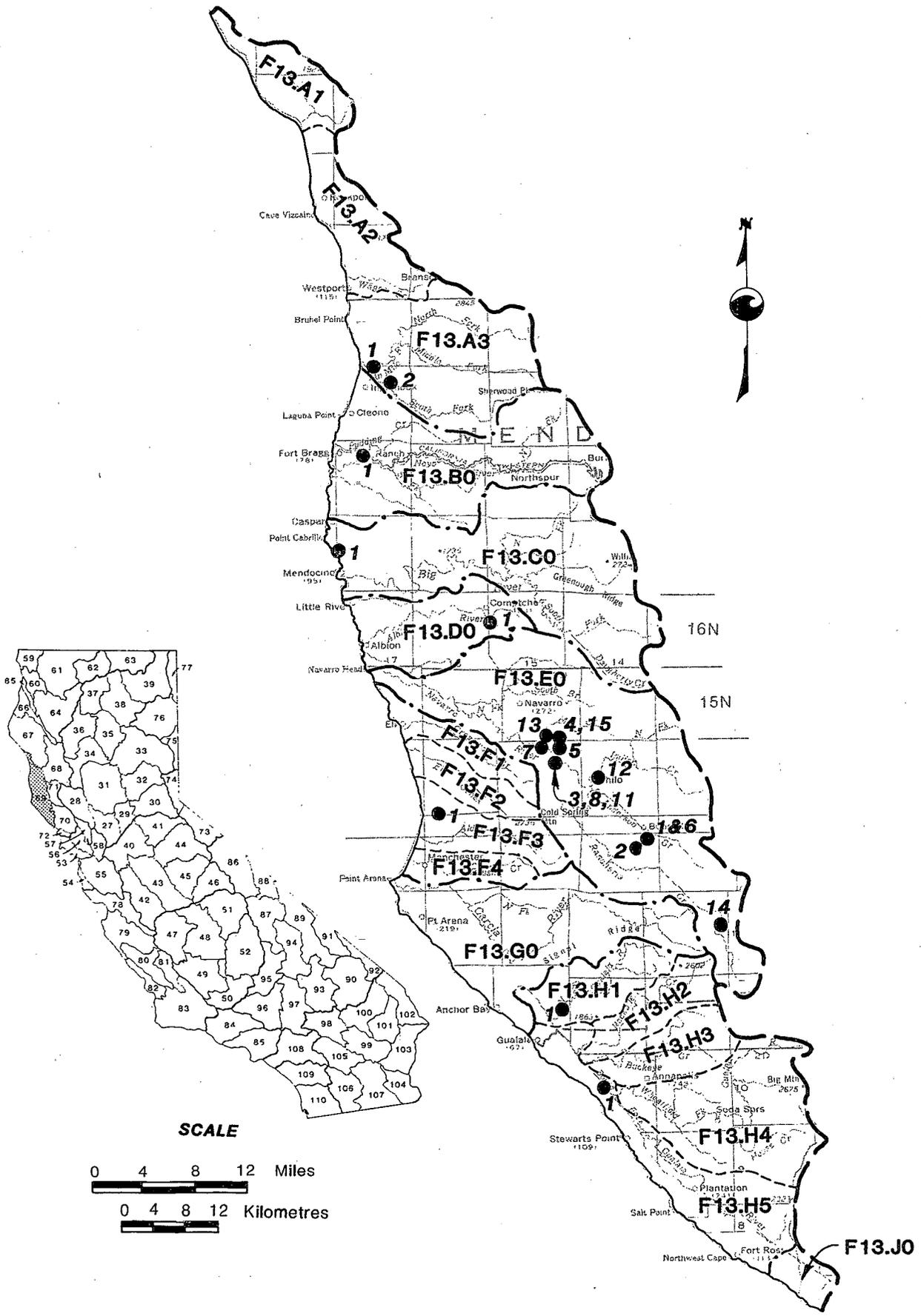
65



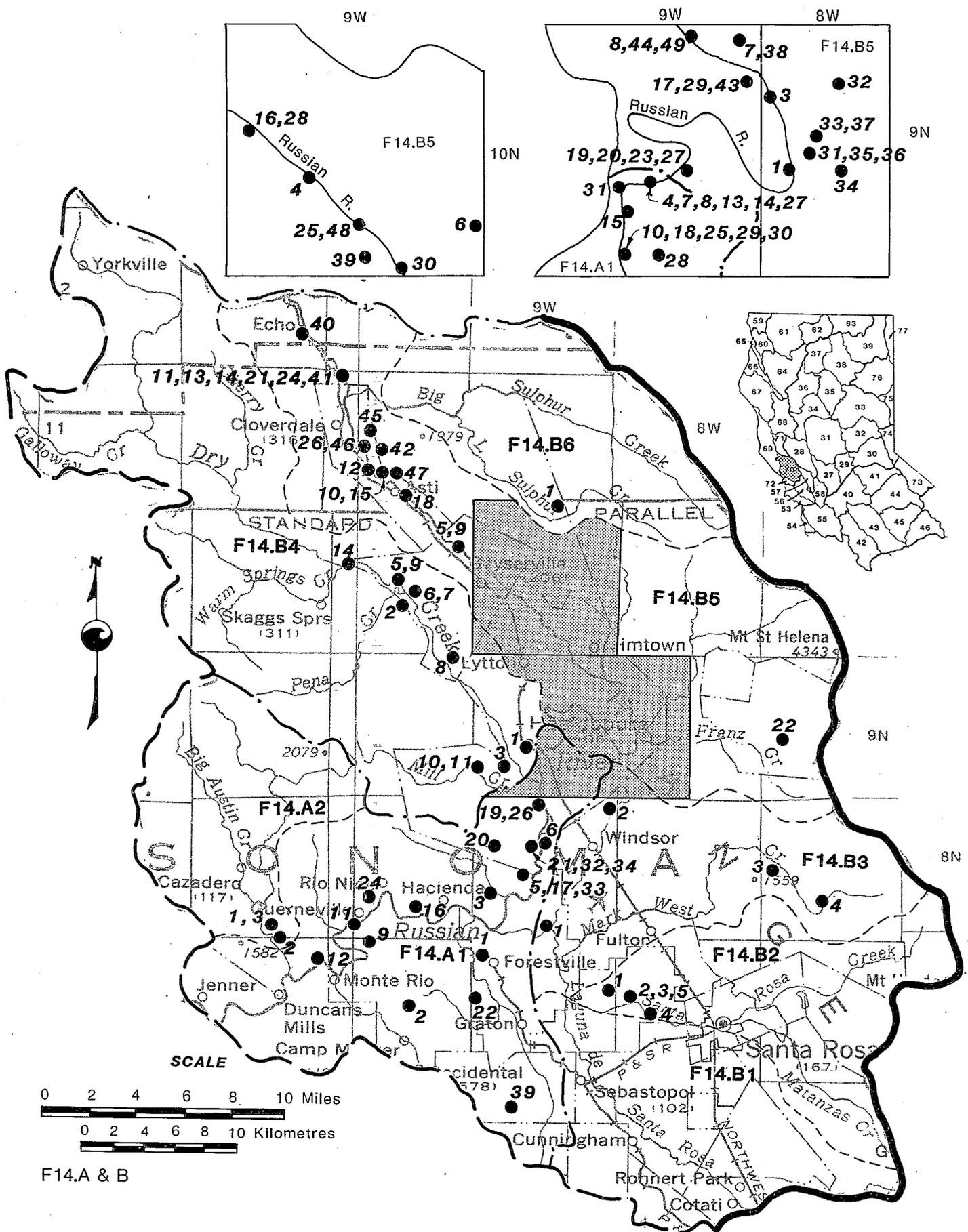
F08, F09 & F10



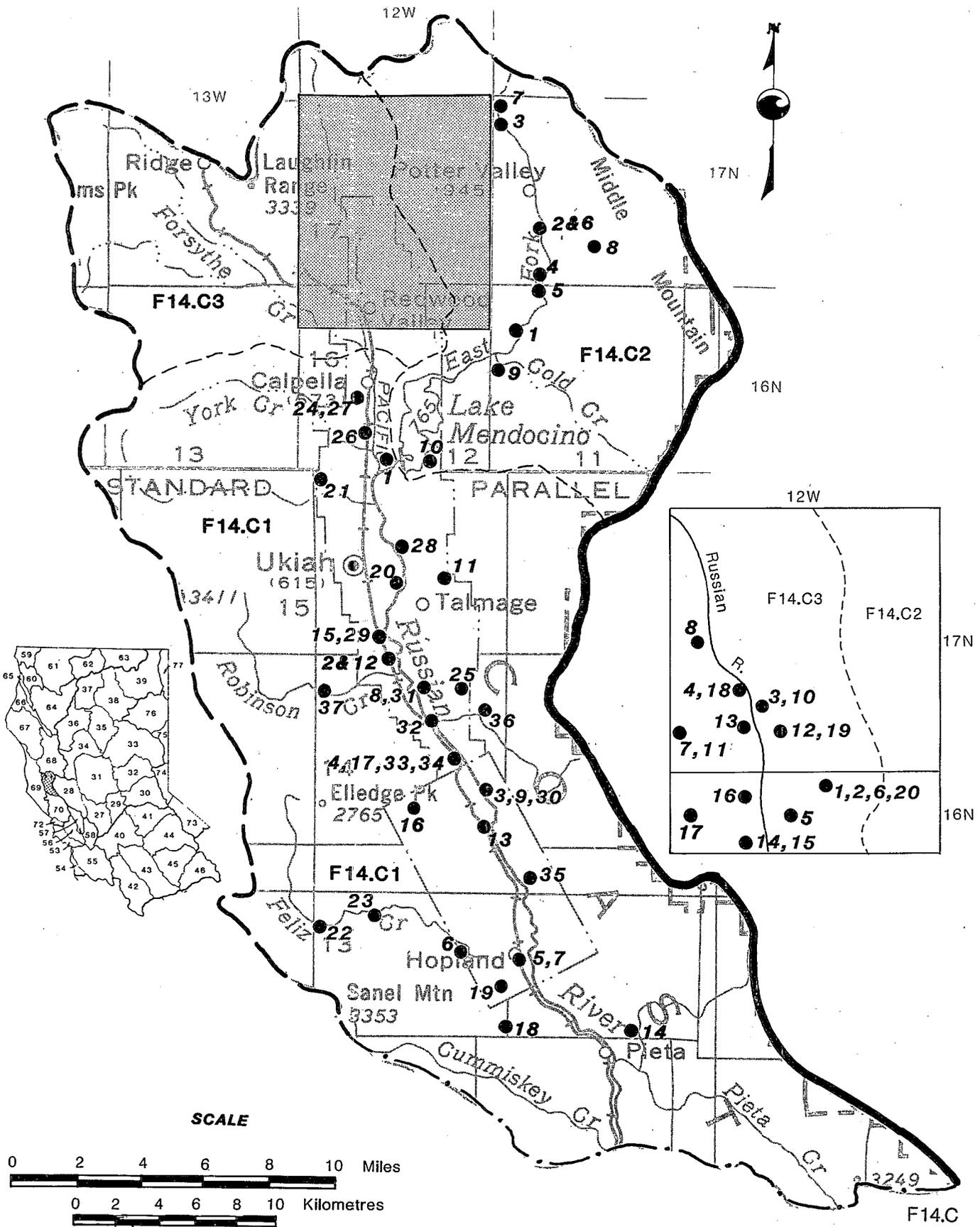
F11.A - D & F12

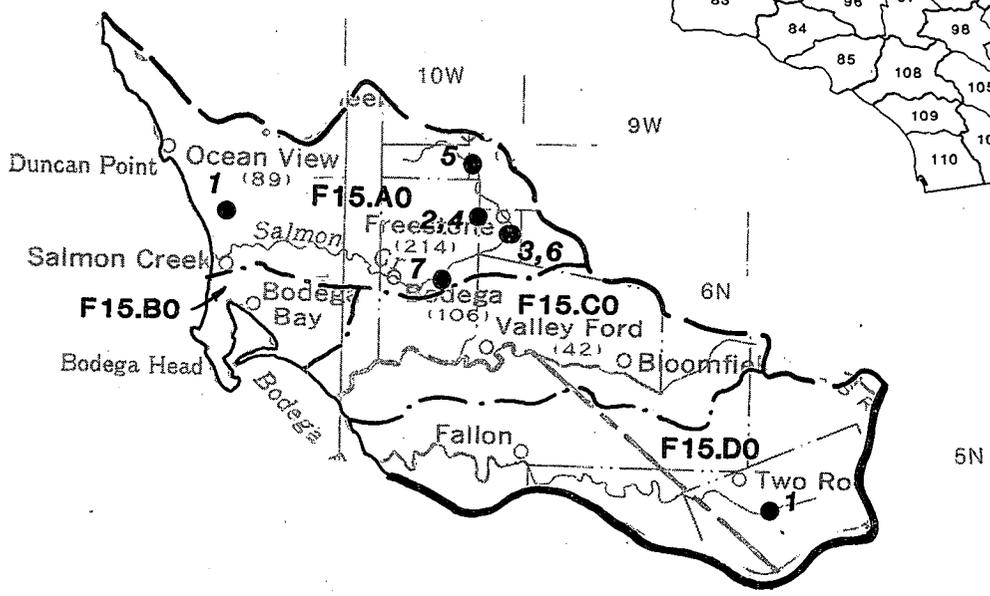
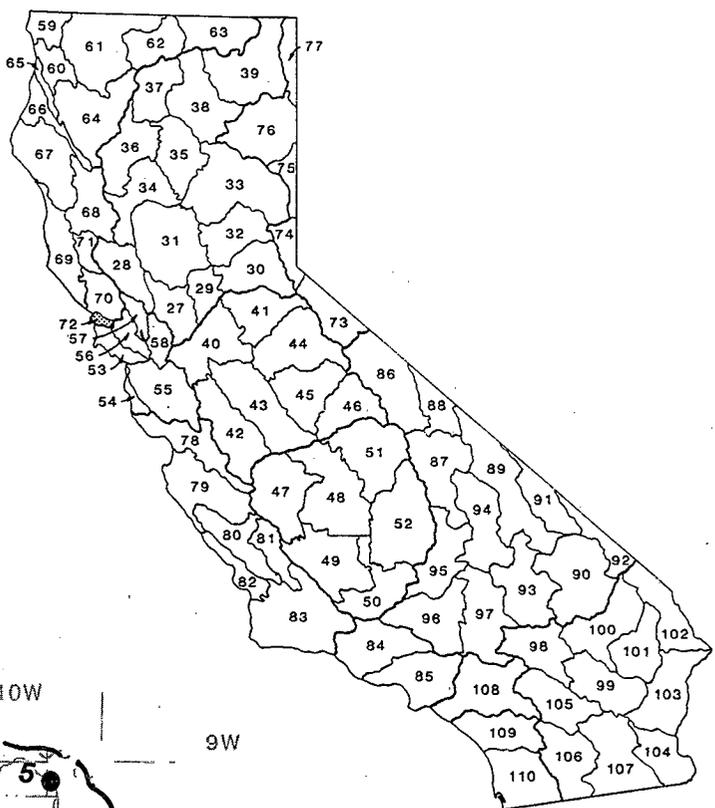


F13

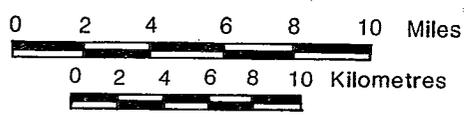


F14.A & B



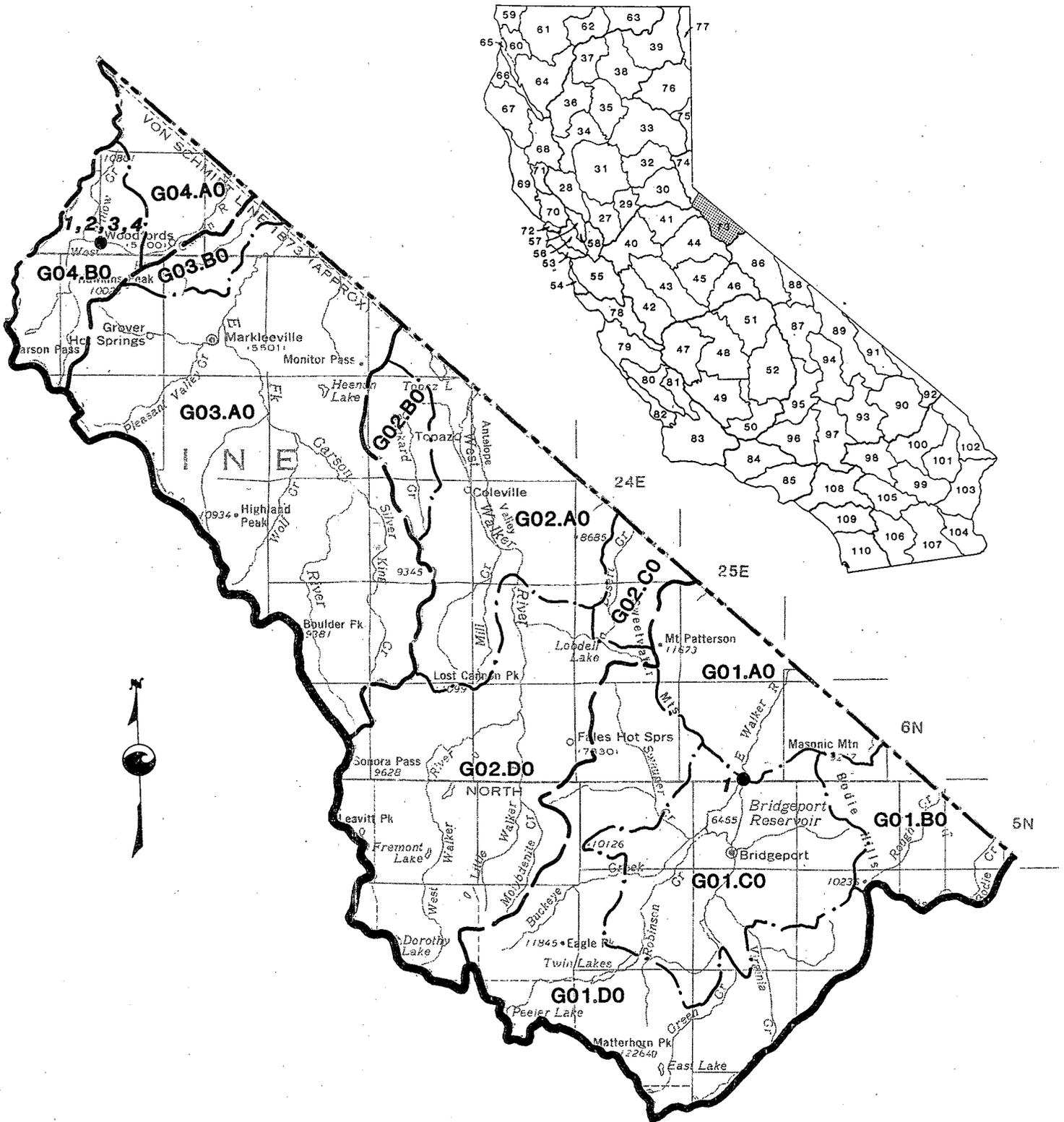


SCALE

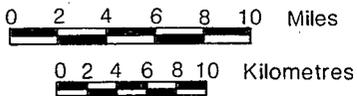


F15

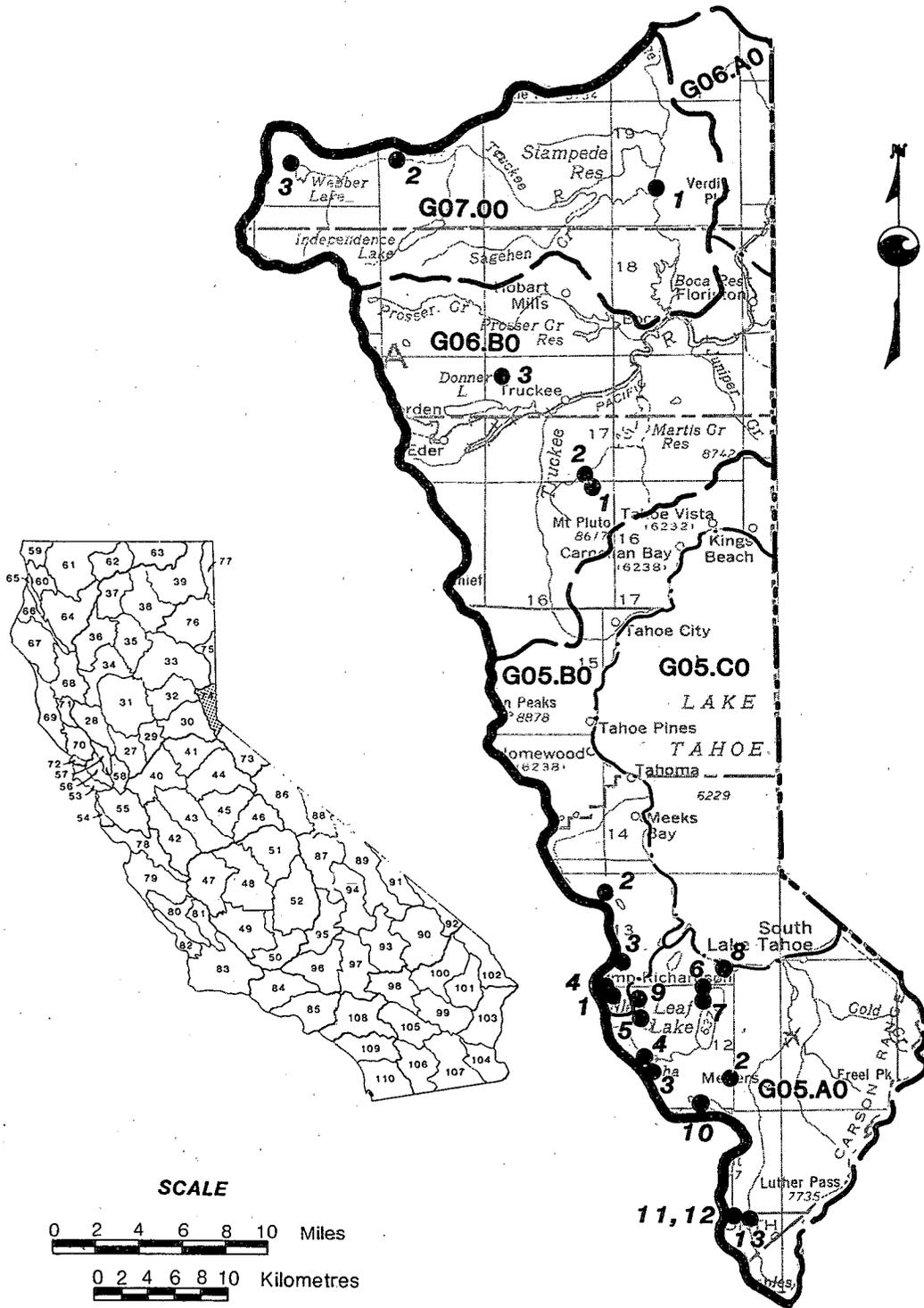
72



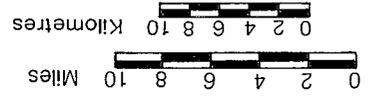
SCALE



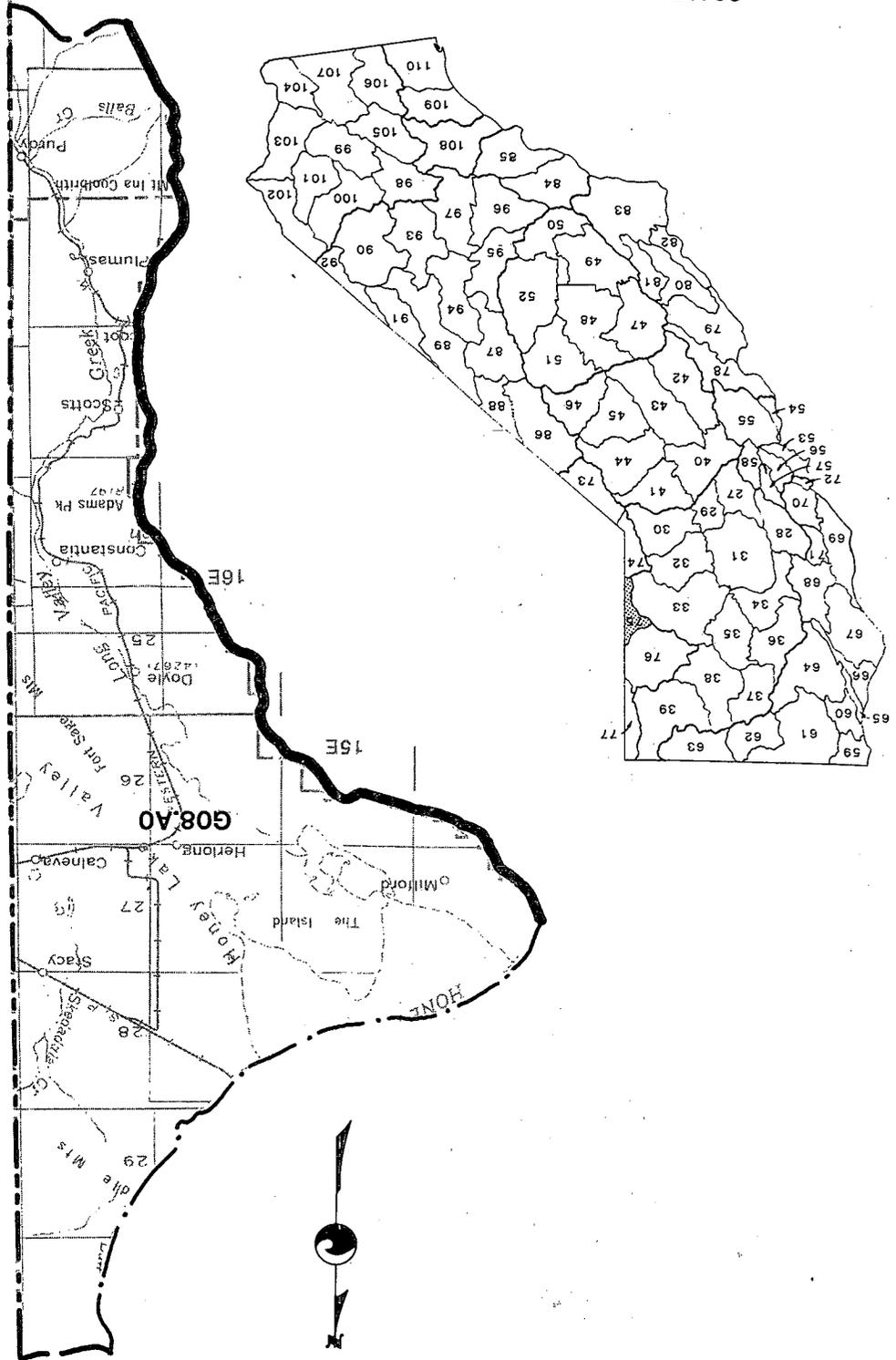
G01 - G04

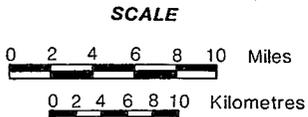
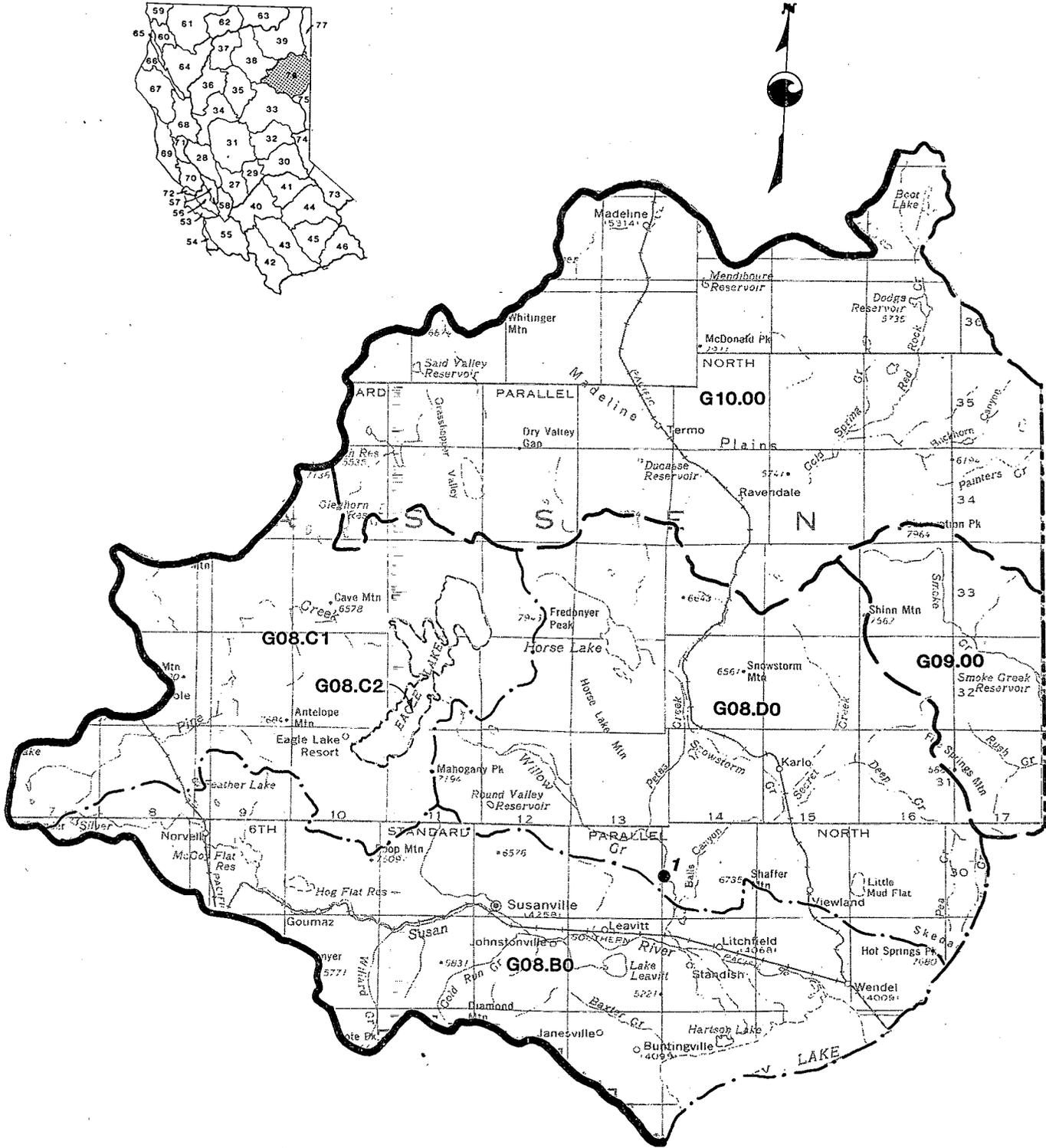


G05, G06 & G07

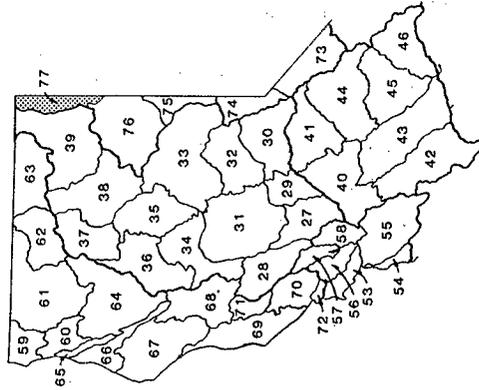
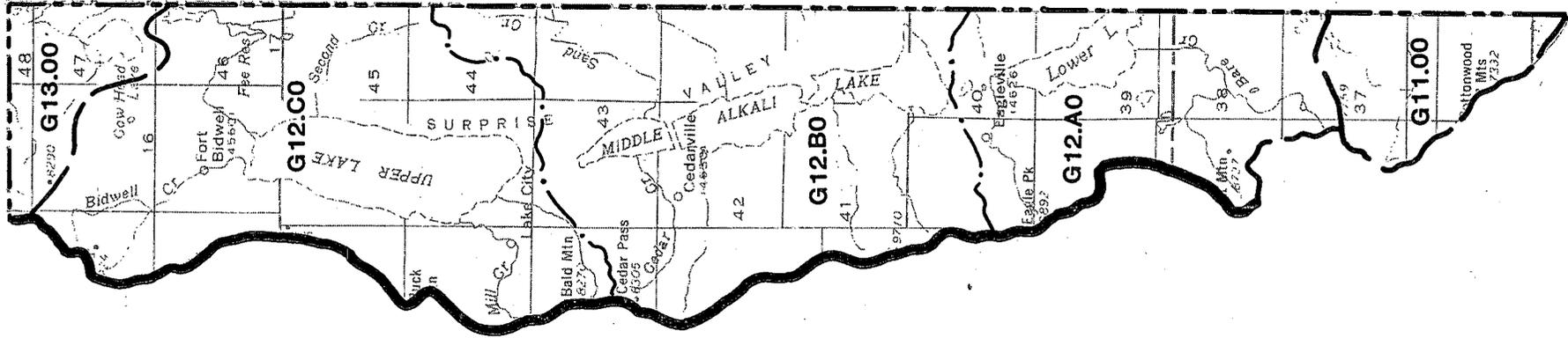


SCALE



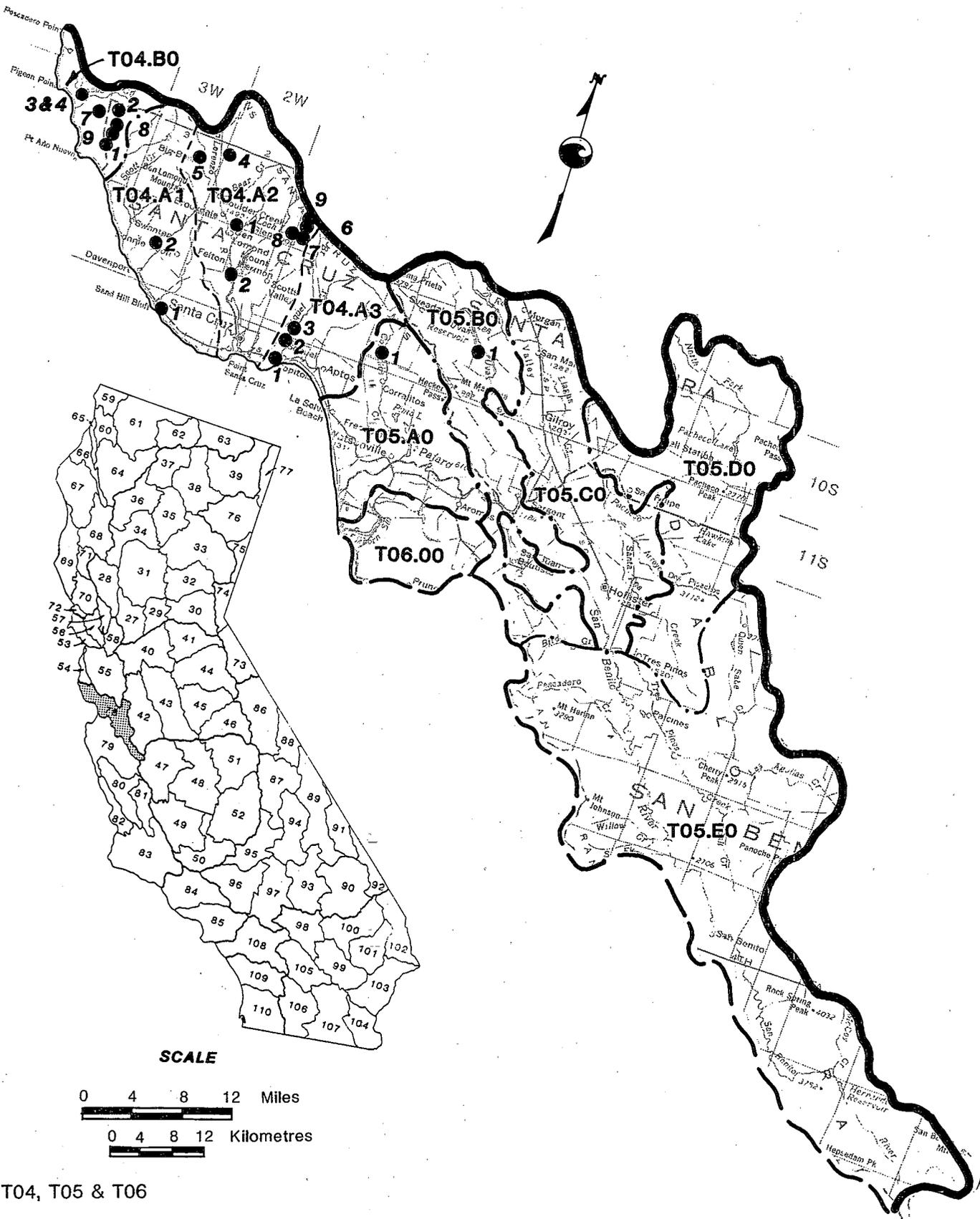


G08.B, C, D, G09 & G10



G11, G12 & G13

D-001604



T04, T05 & T06

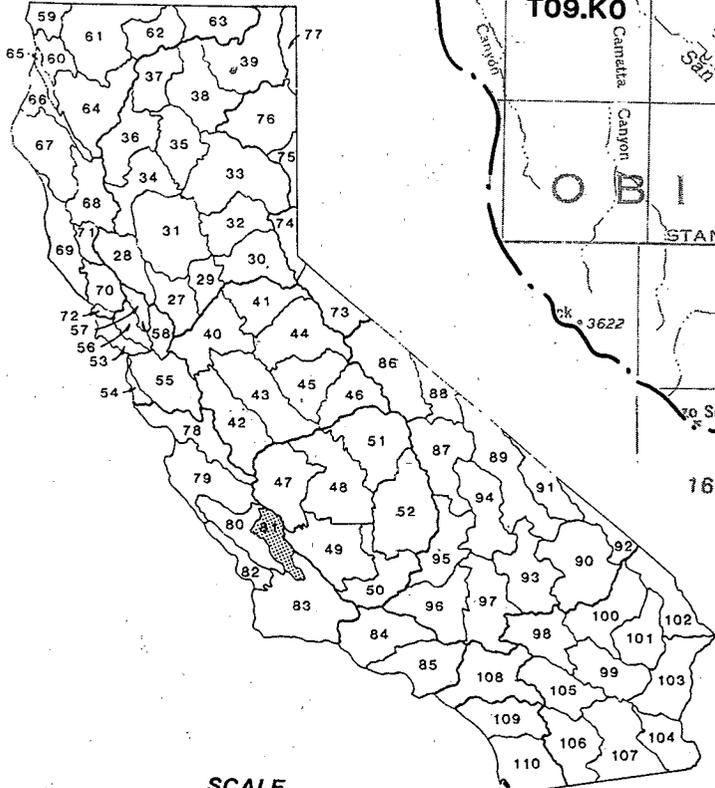
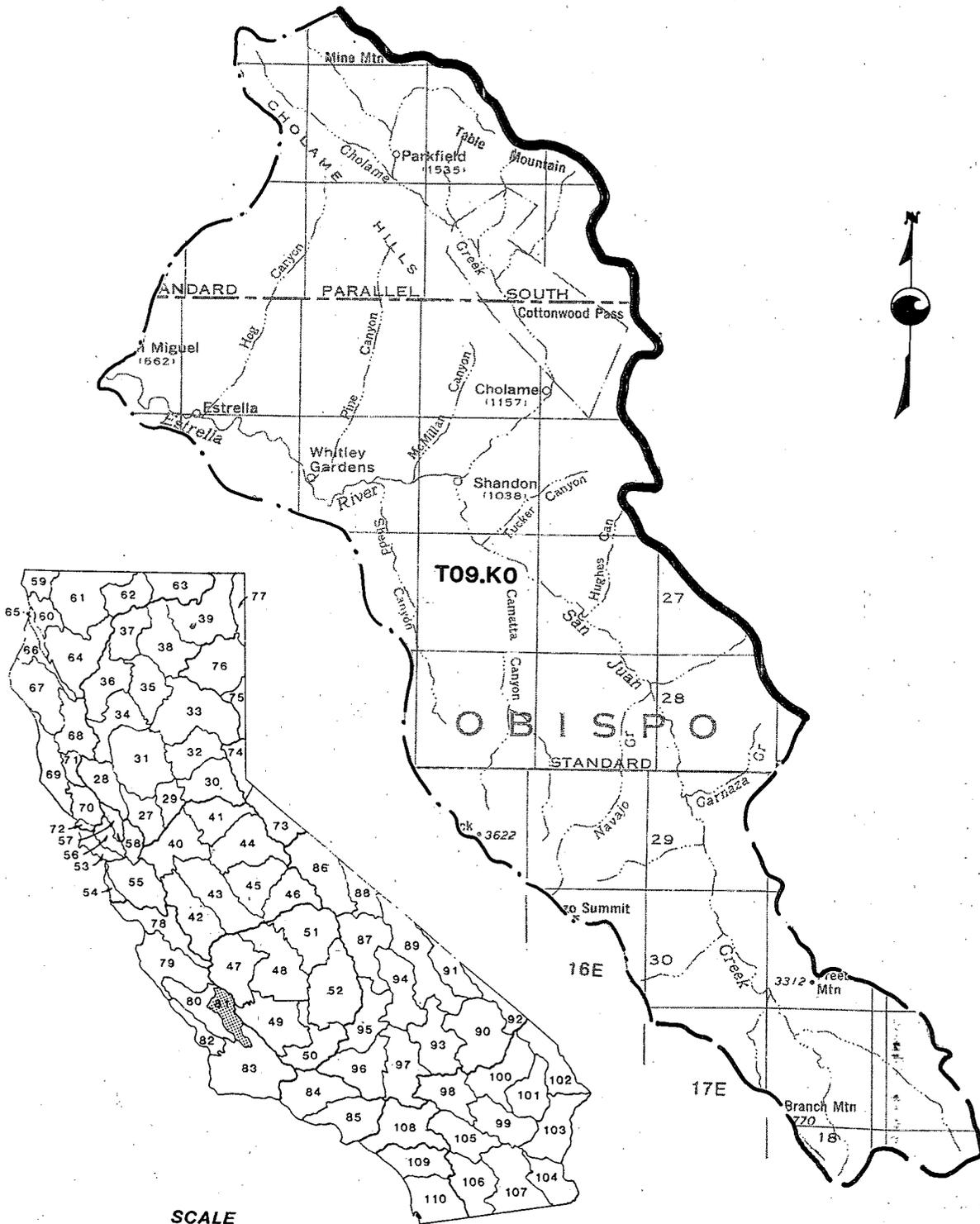


T07, T08, T09.A - G

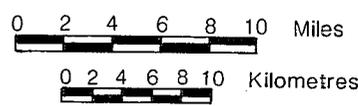
D-0001606



T09.H & J



SCALE

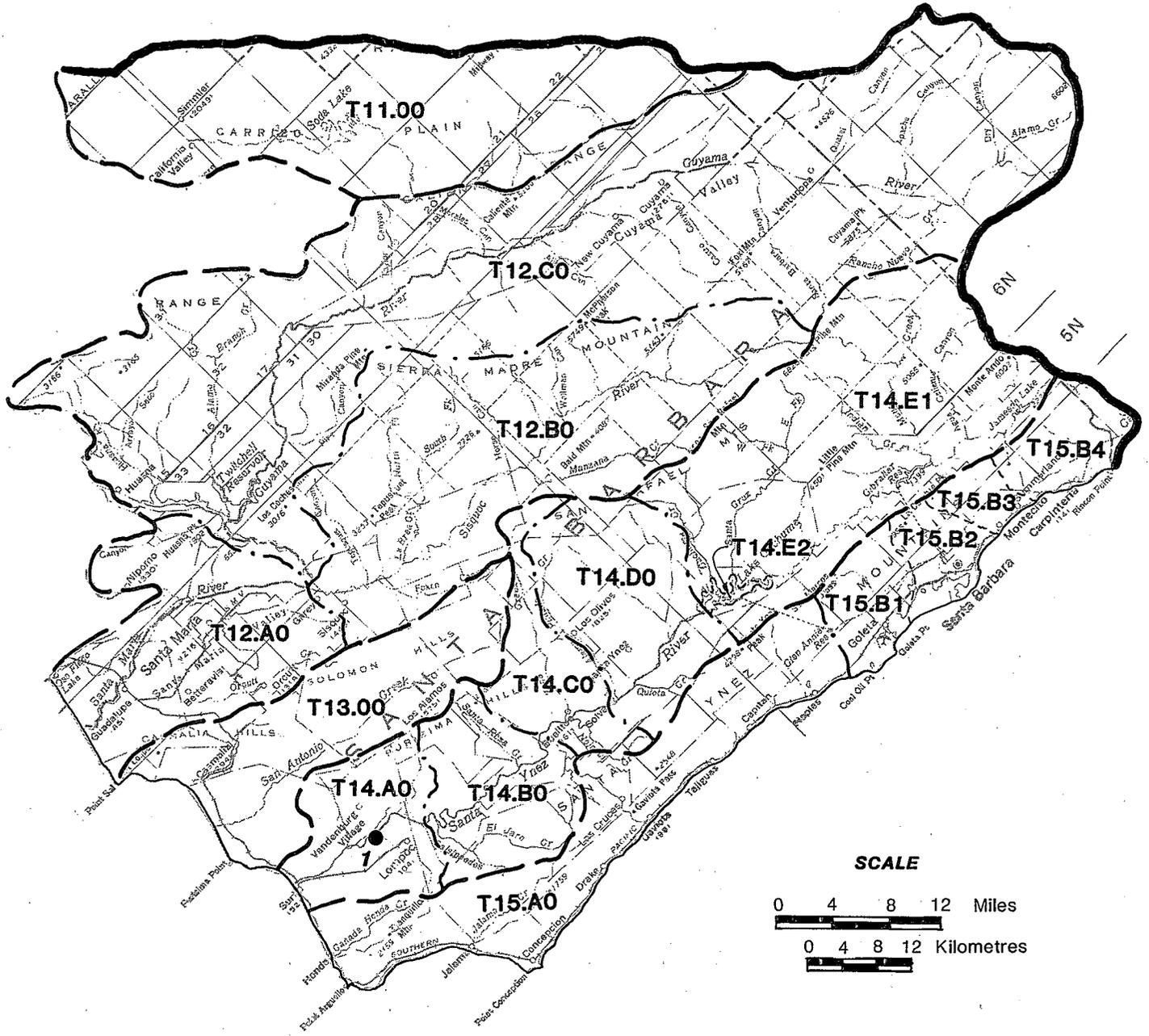
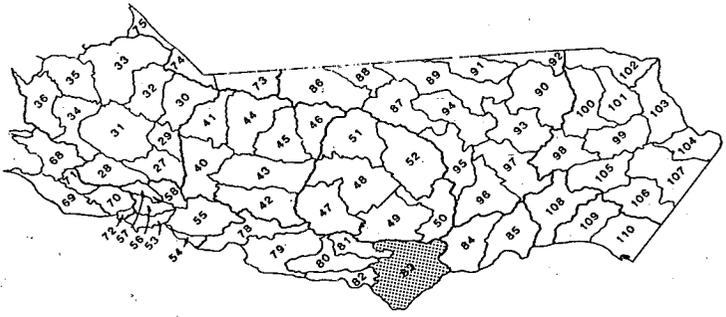
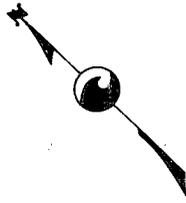


T09.K



T10

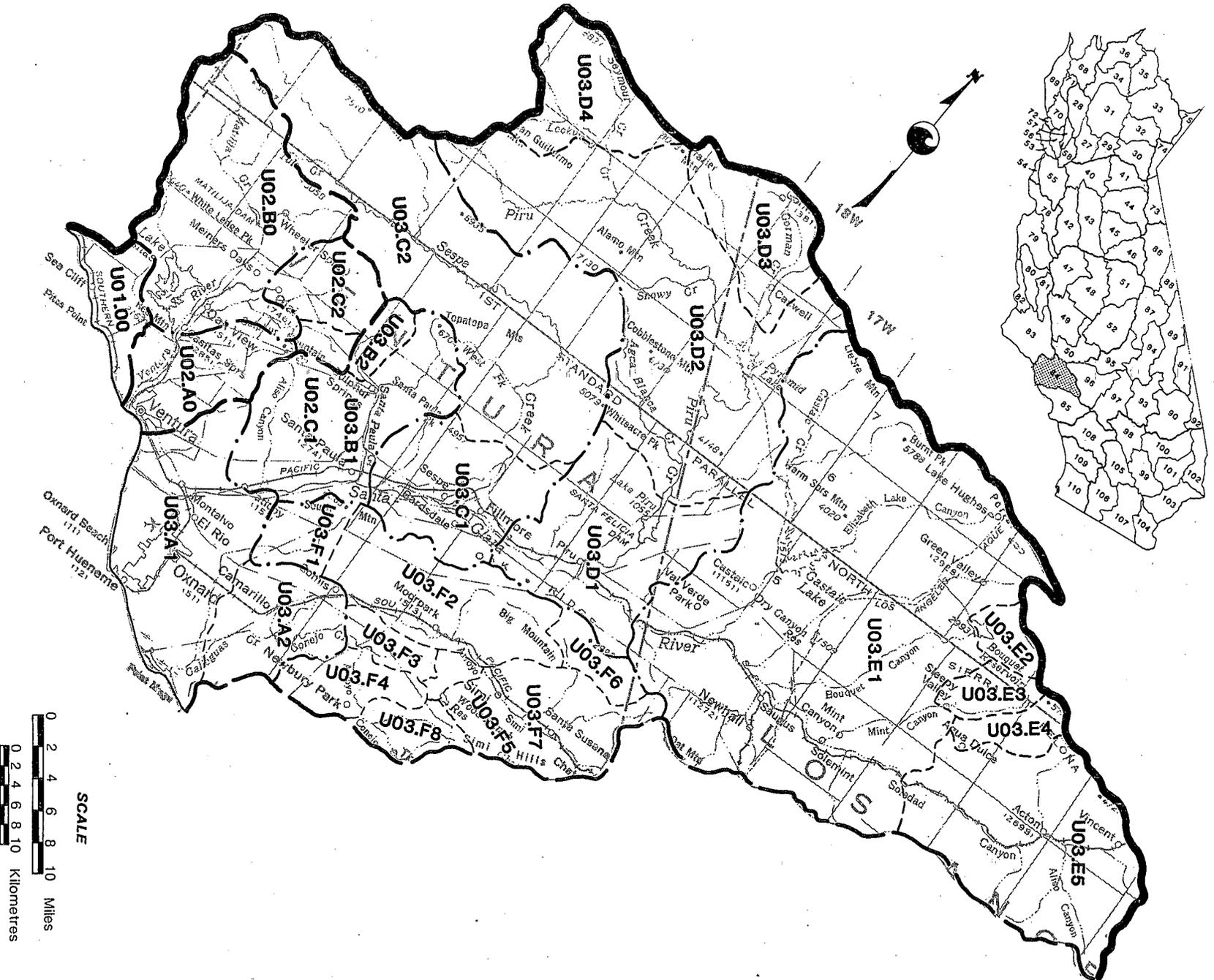
82



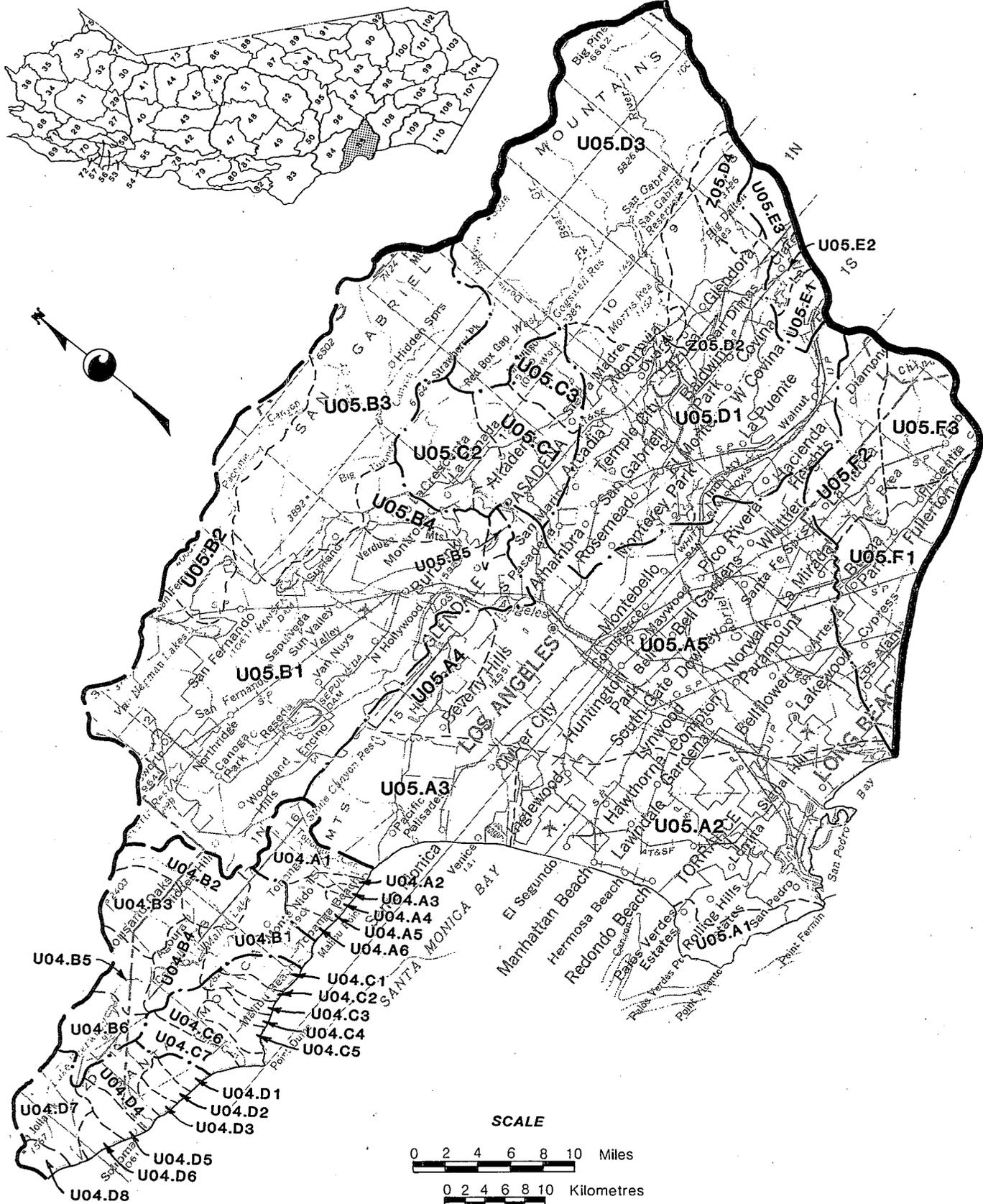
T11 - T15

D-001611

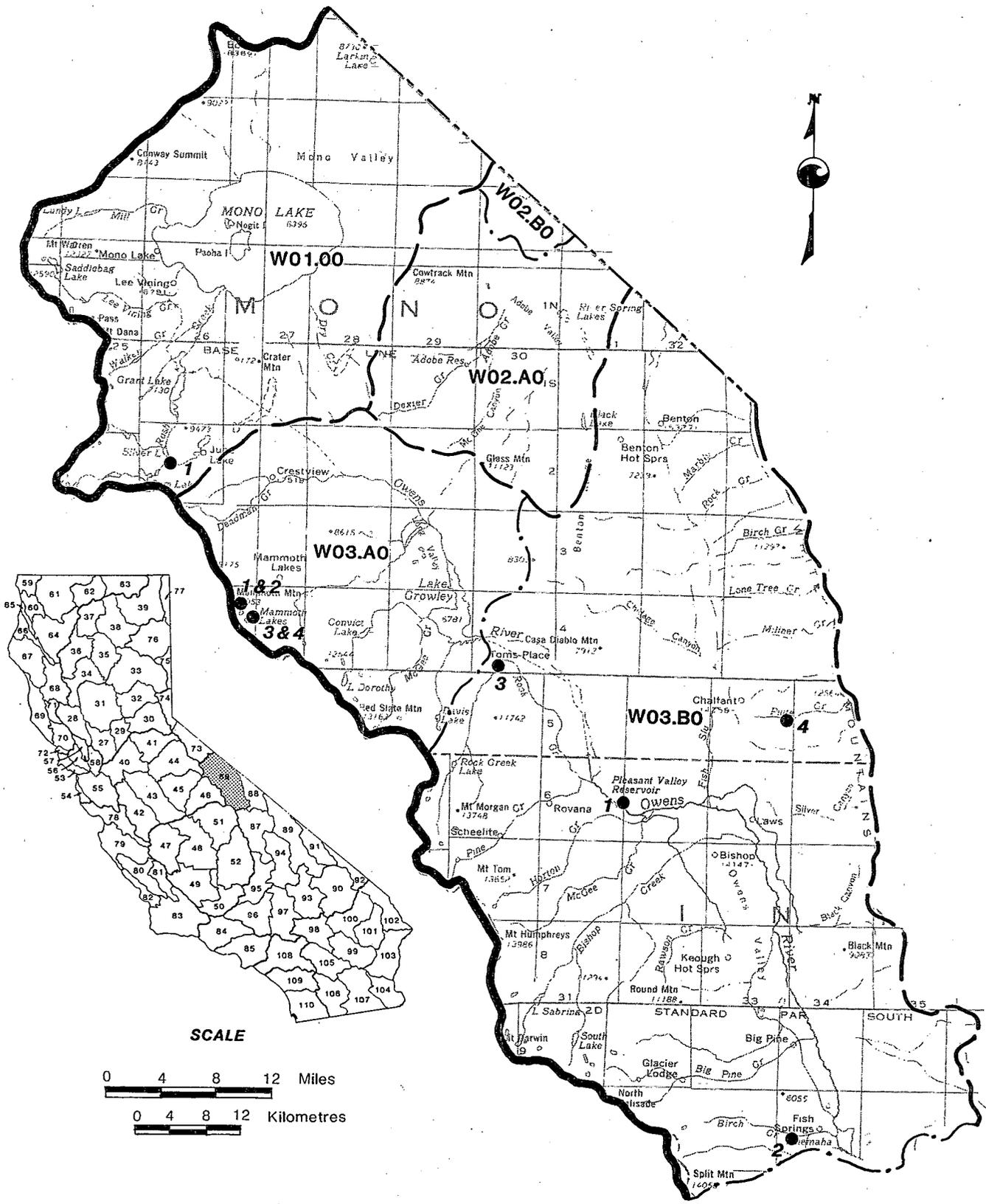
U01, U02 & U03



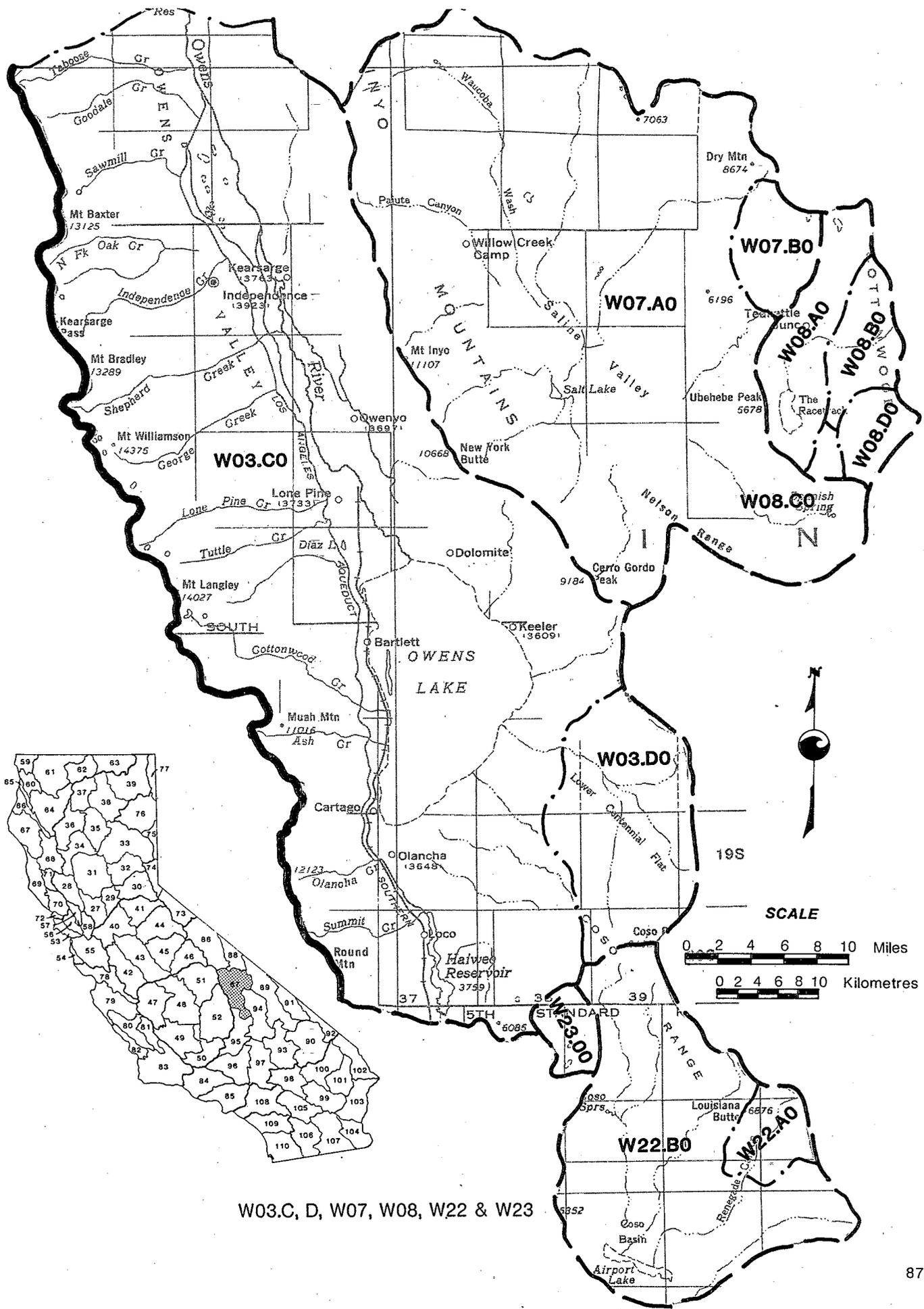
D-001611



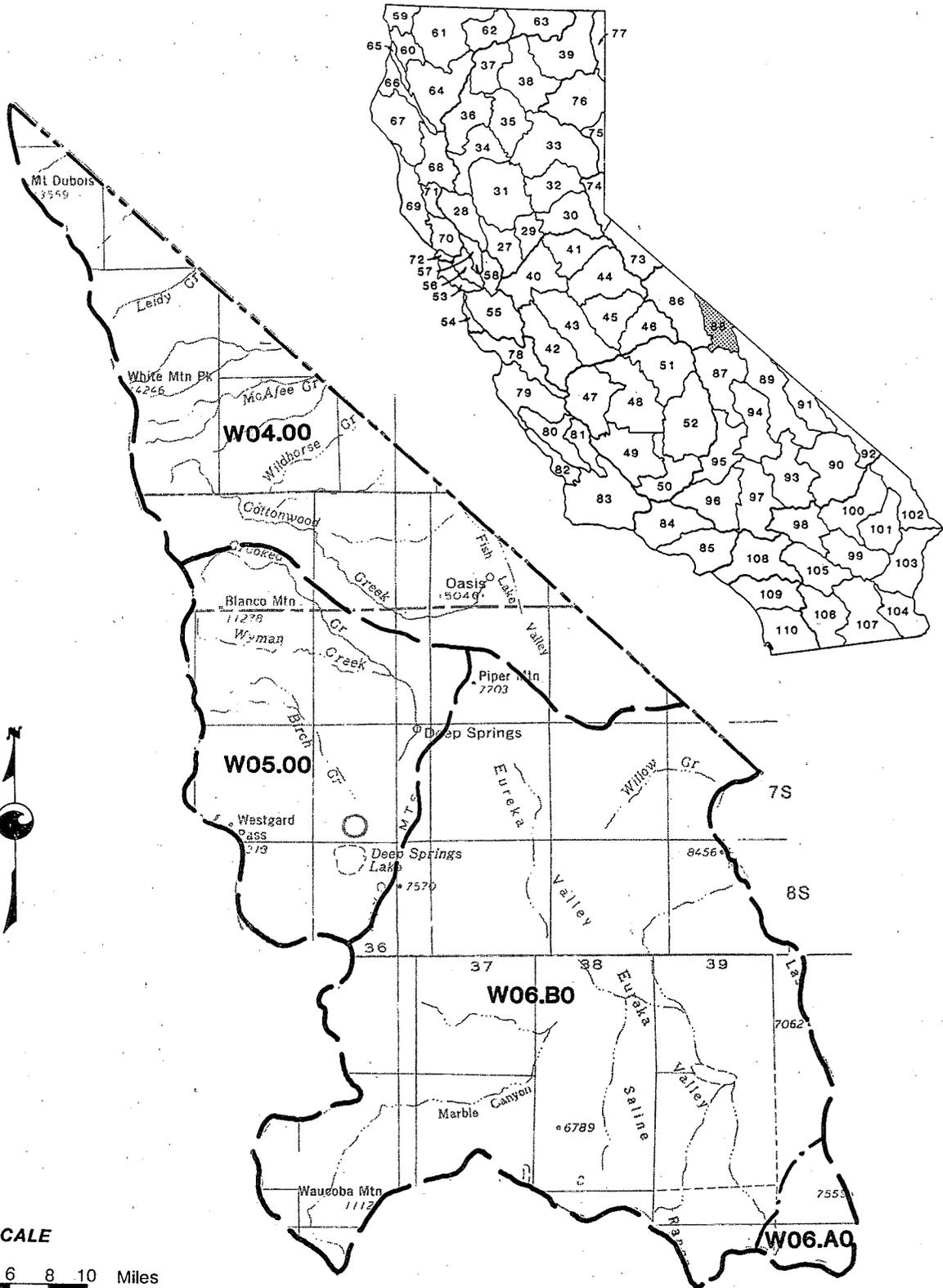
U04 & U05



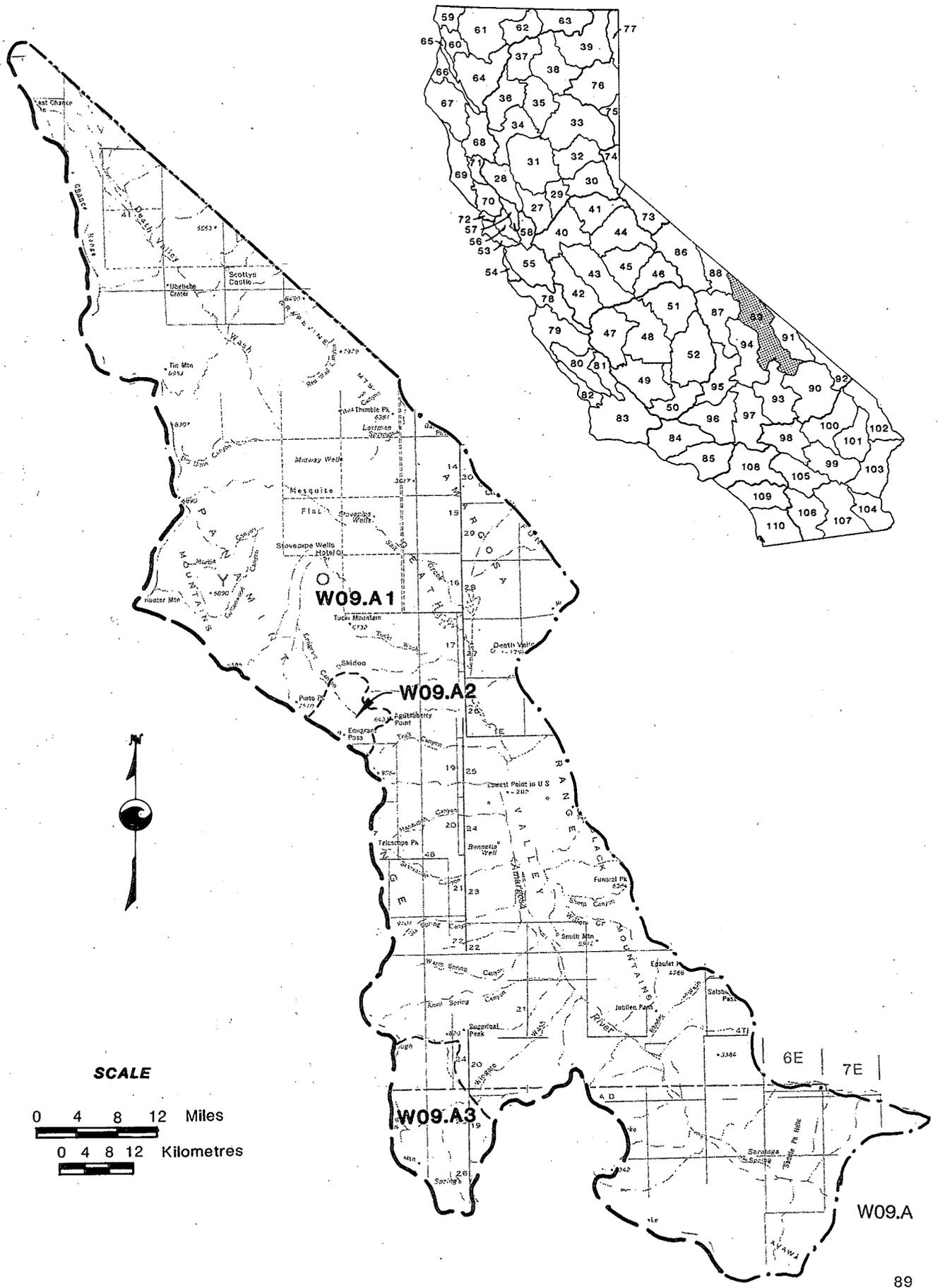
W01, W02, W03.A & B

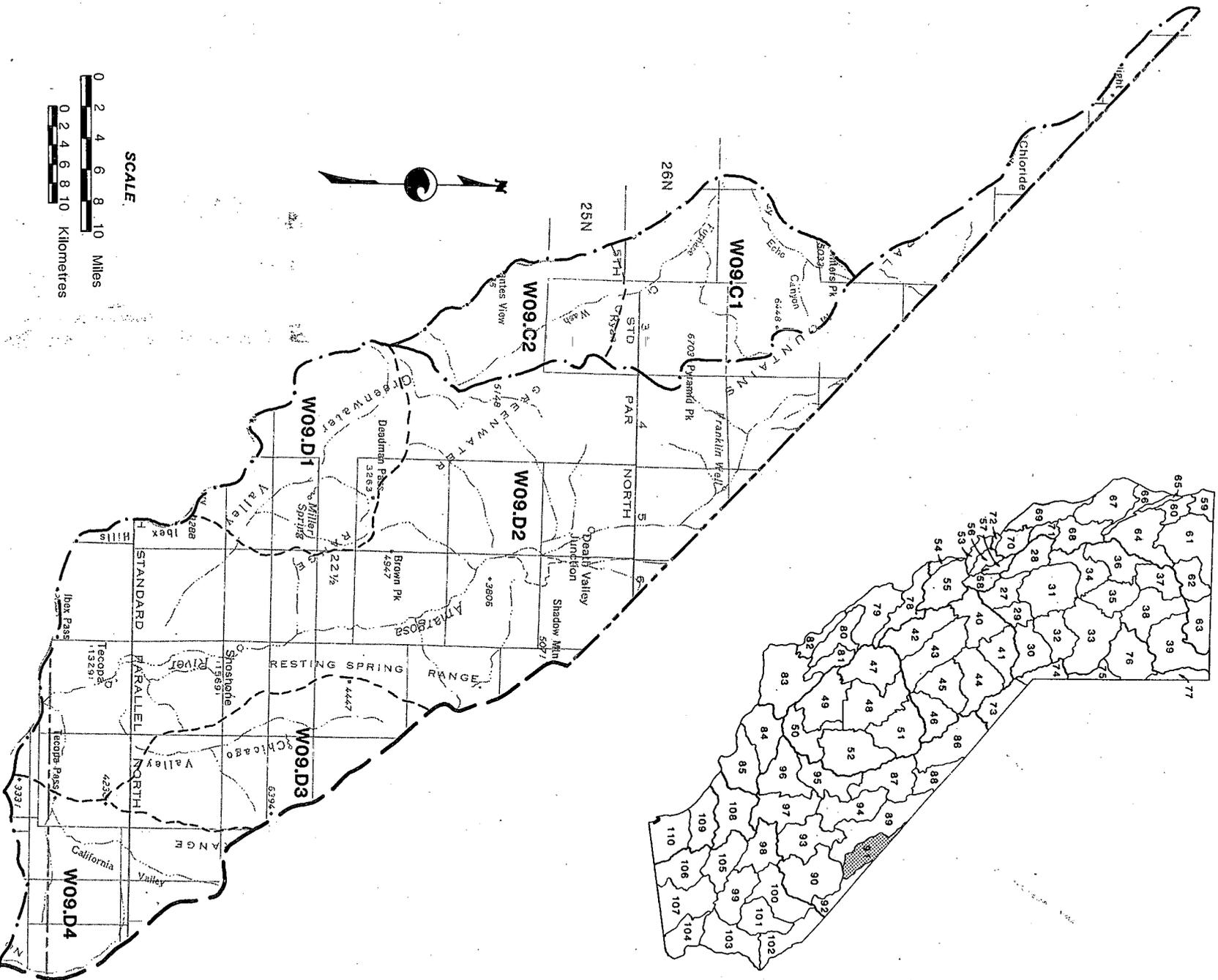


W03.C, D, W07, W08, W22 & W23

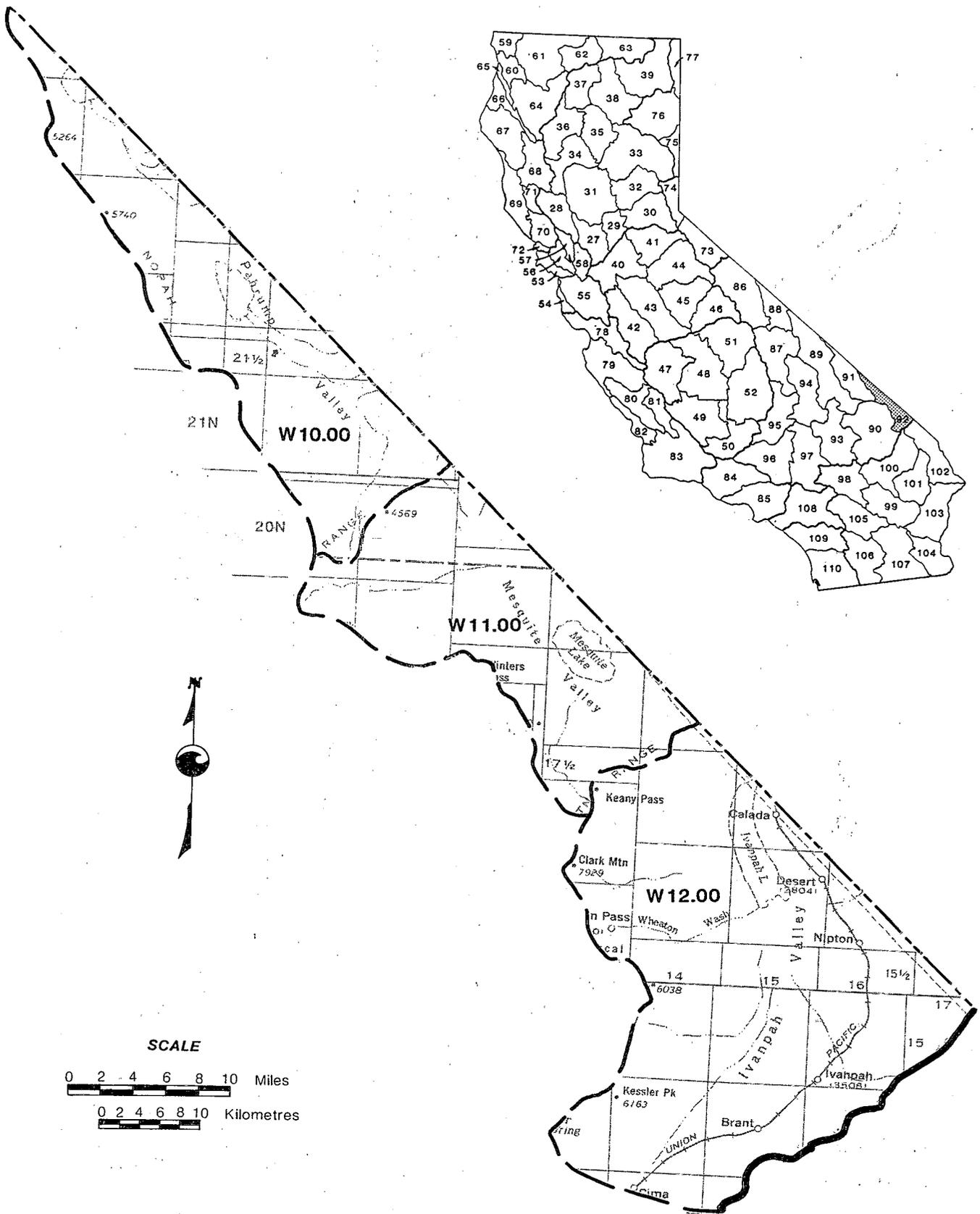


W04, W05 & W06

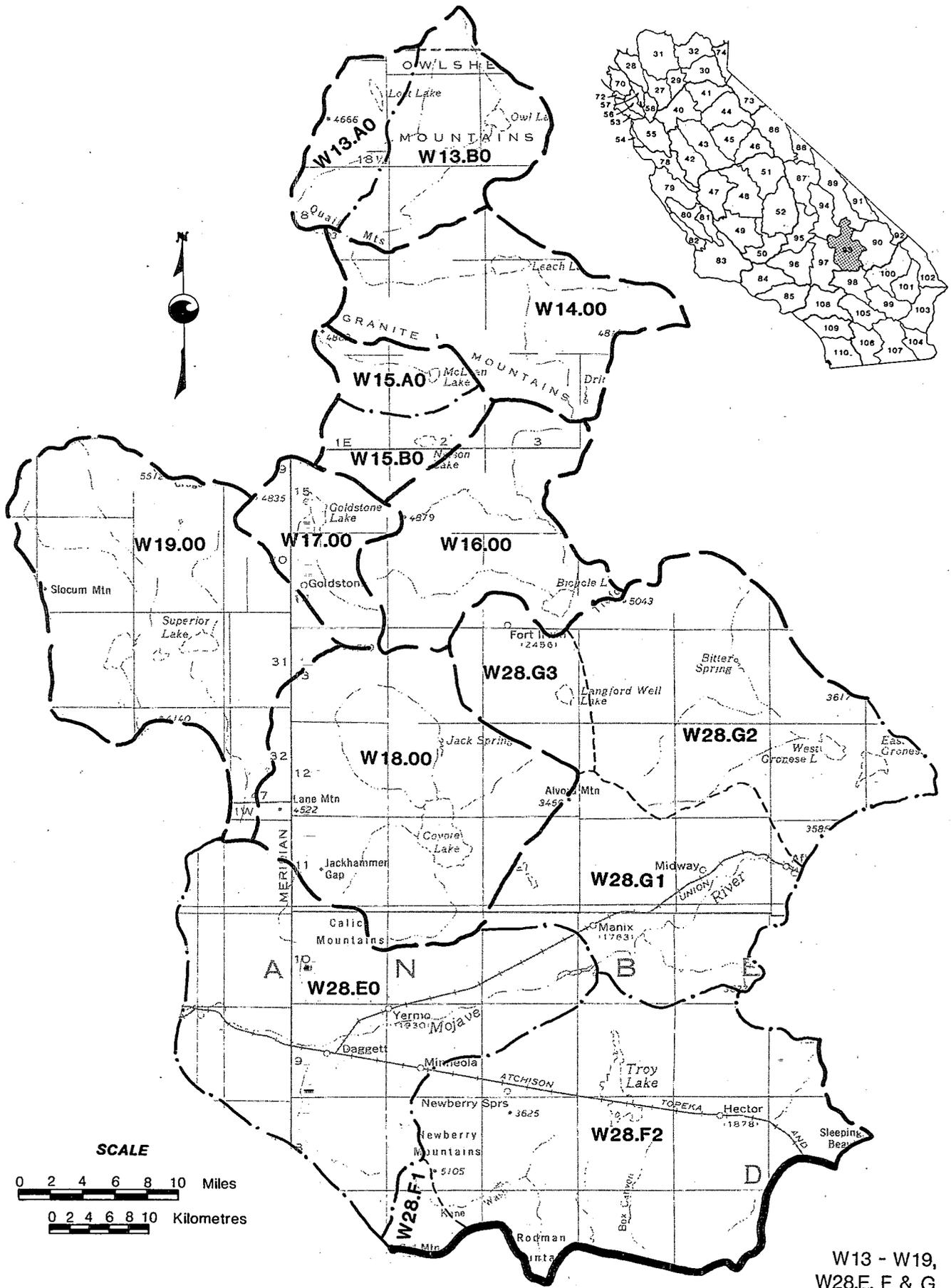




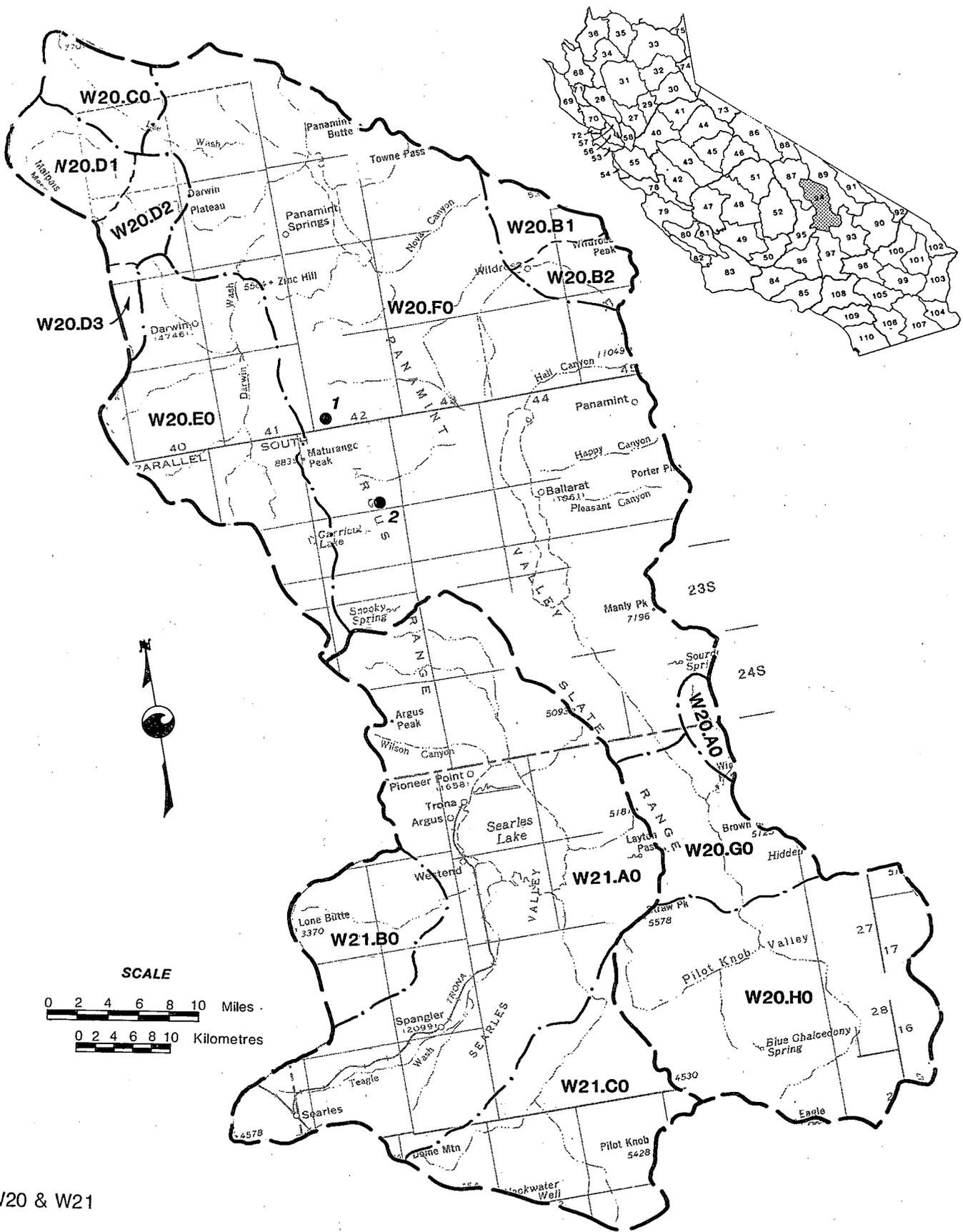
W09.C & D



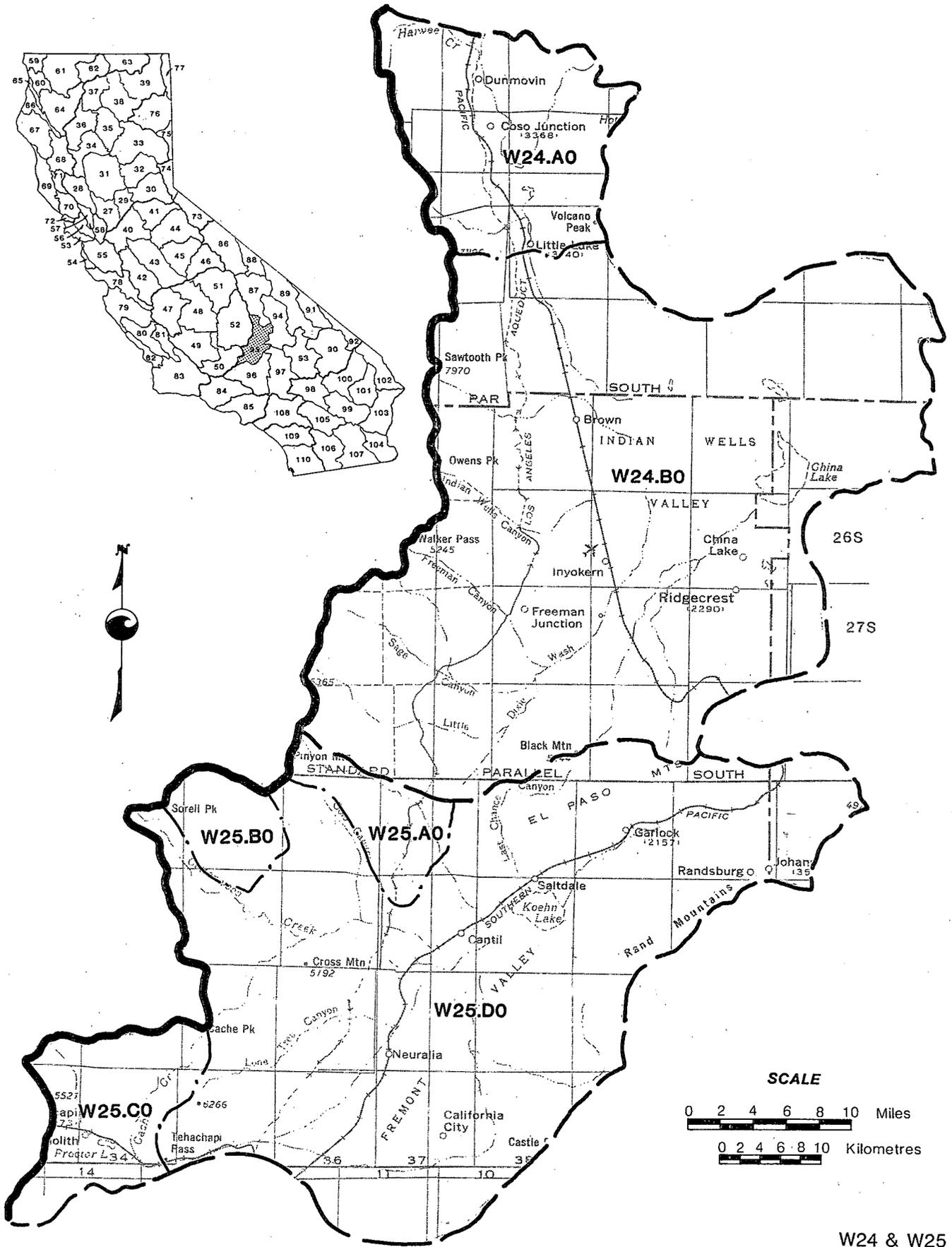
W10, W11 & W12



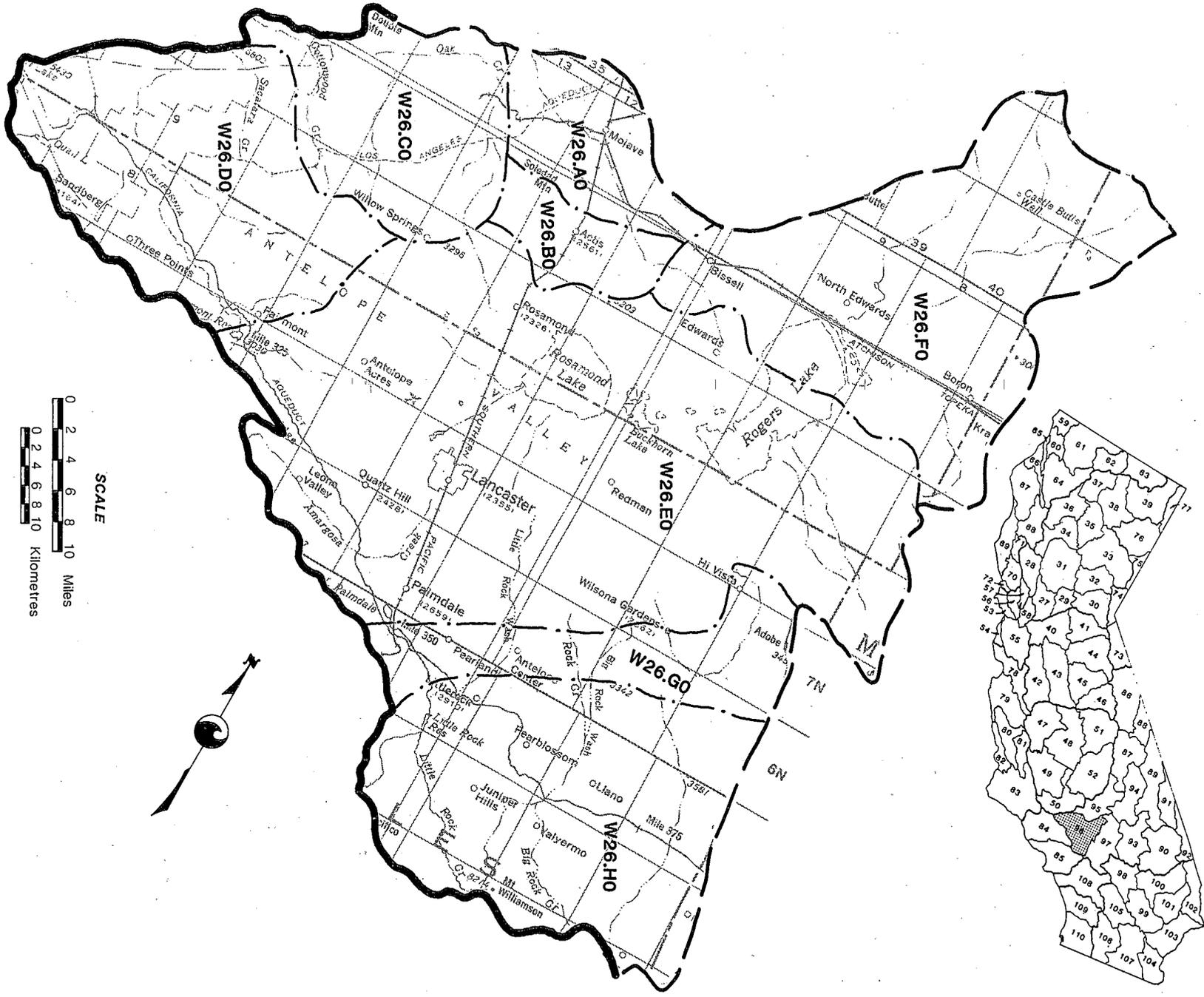
W13 - W19,
W28.E, F & G



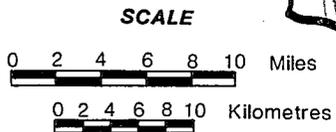
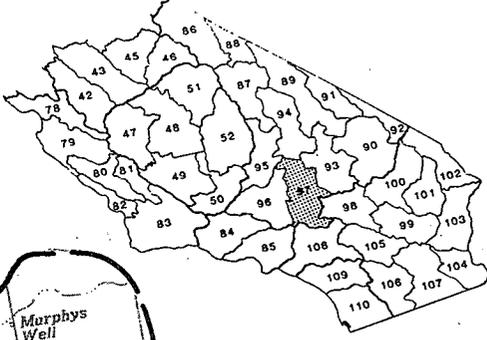
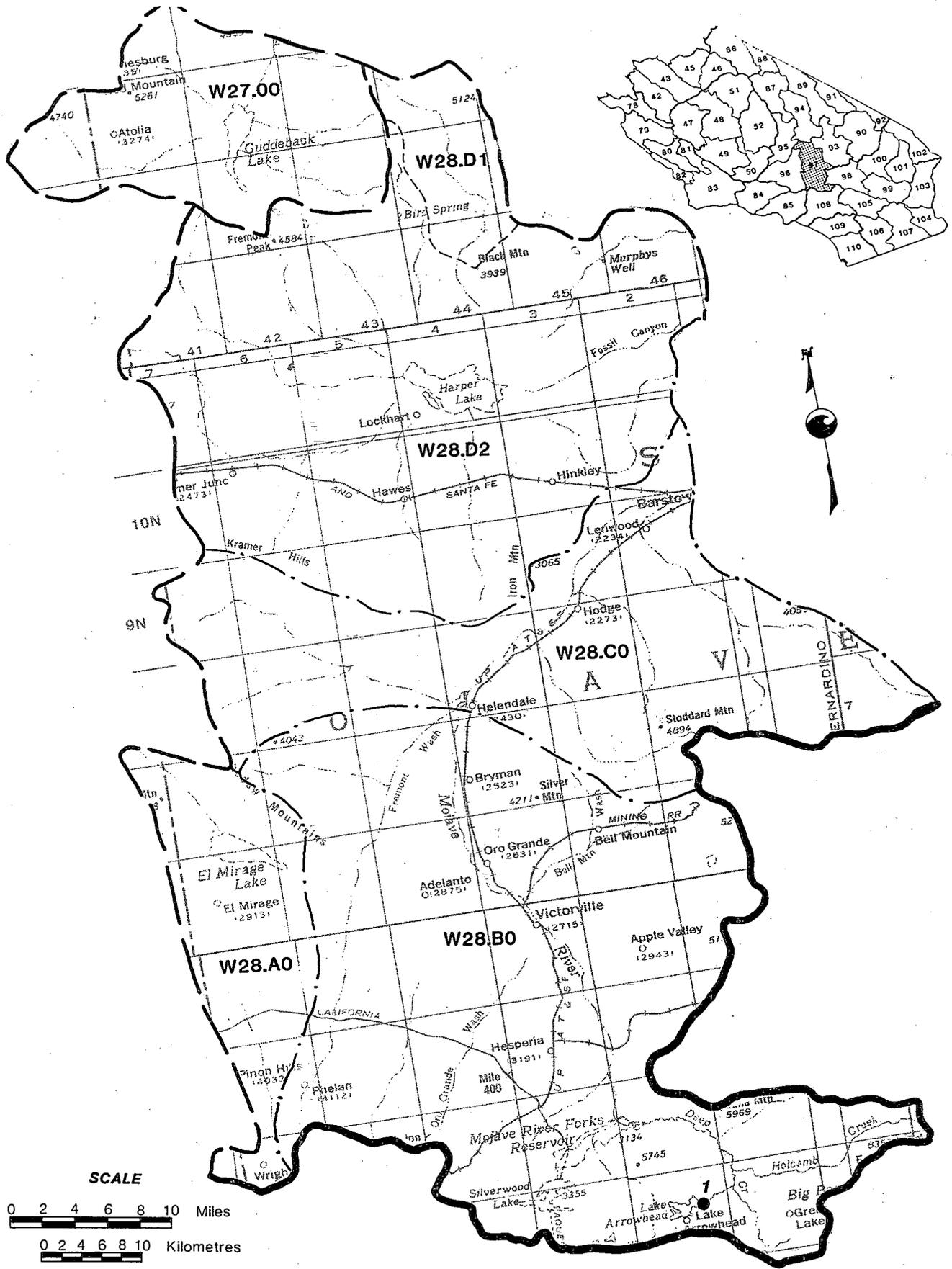
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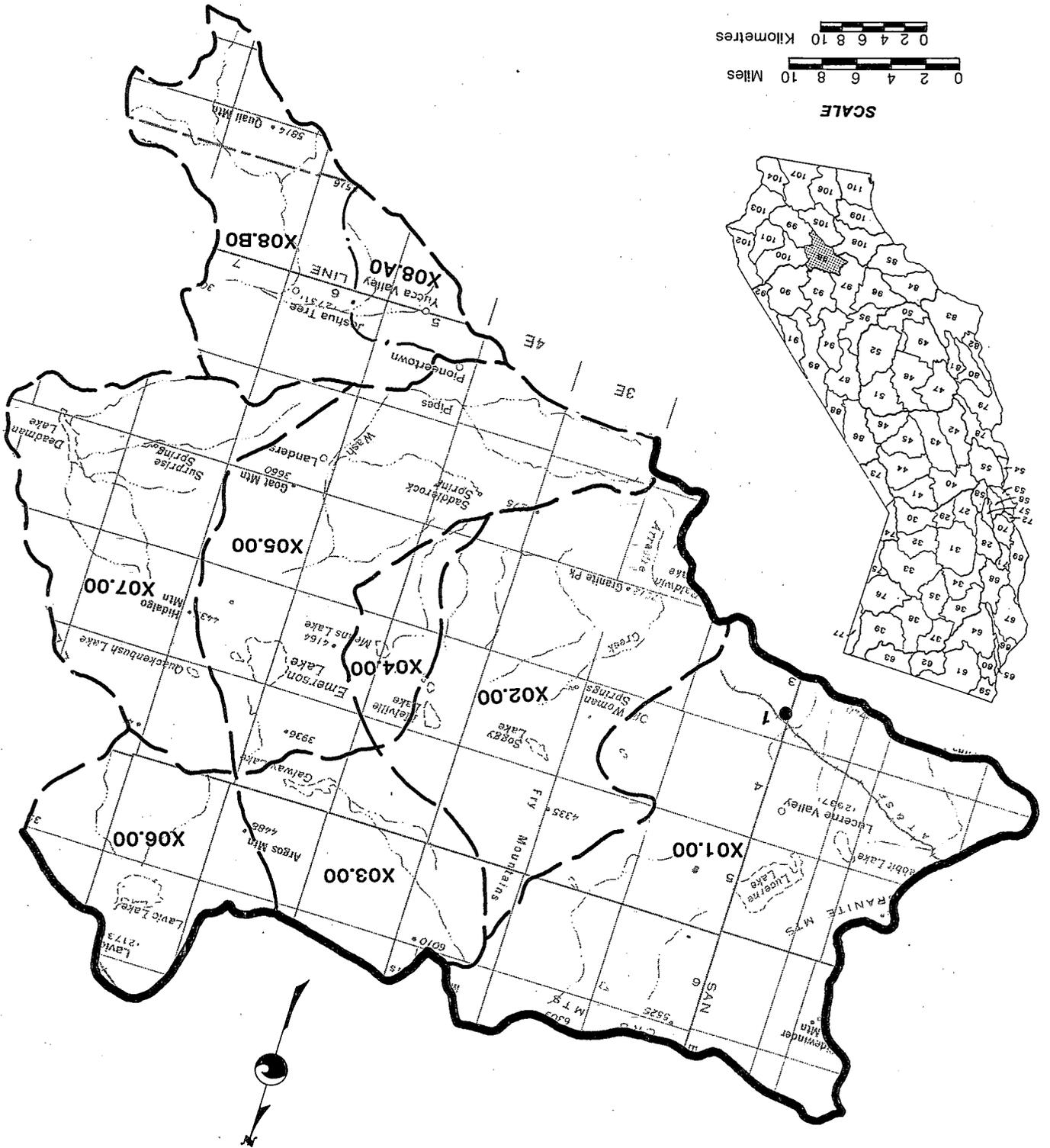
W24 & W25

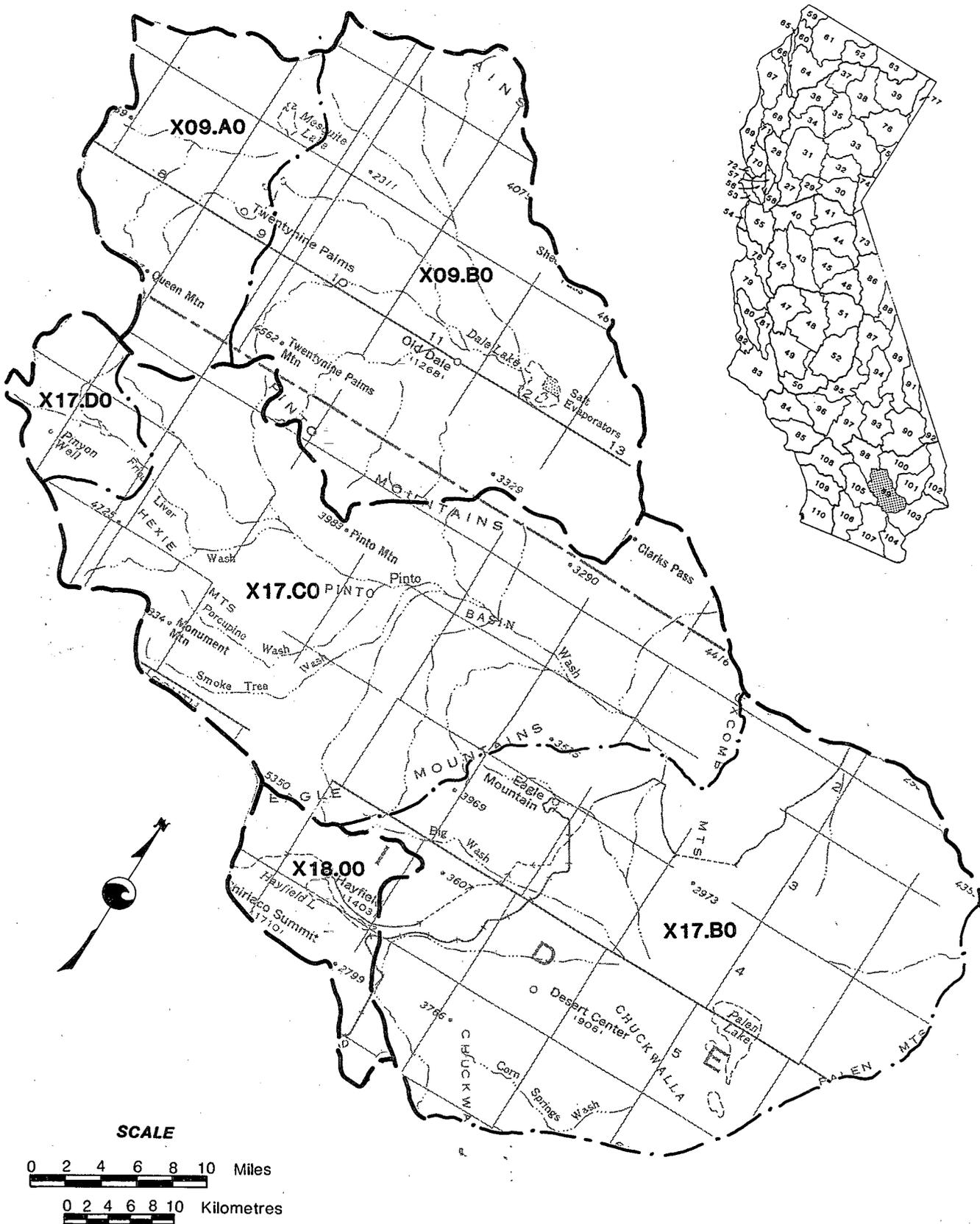


D-001623

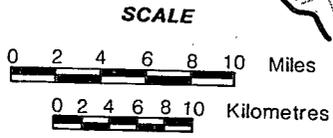
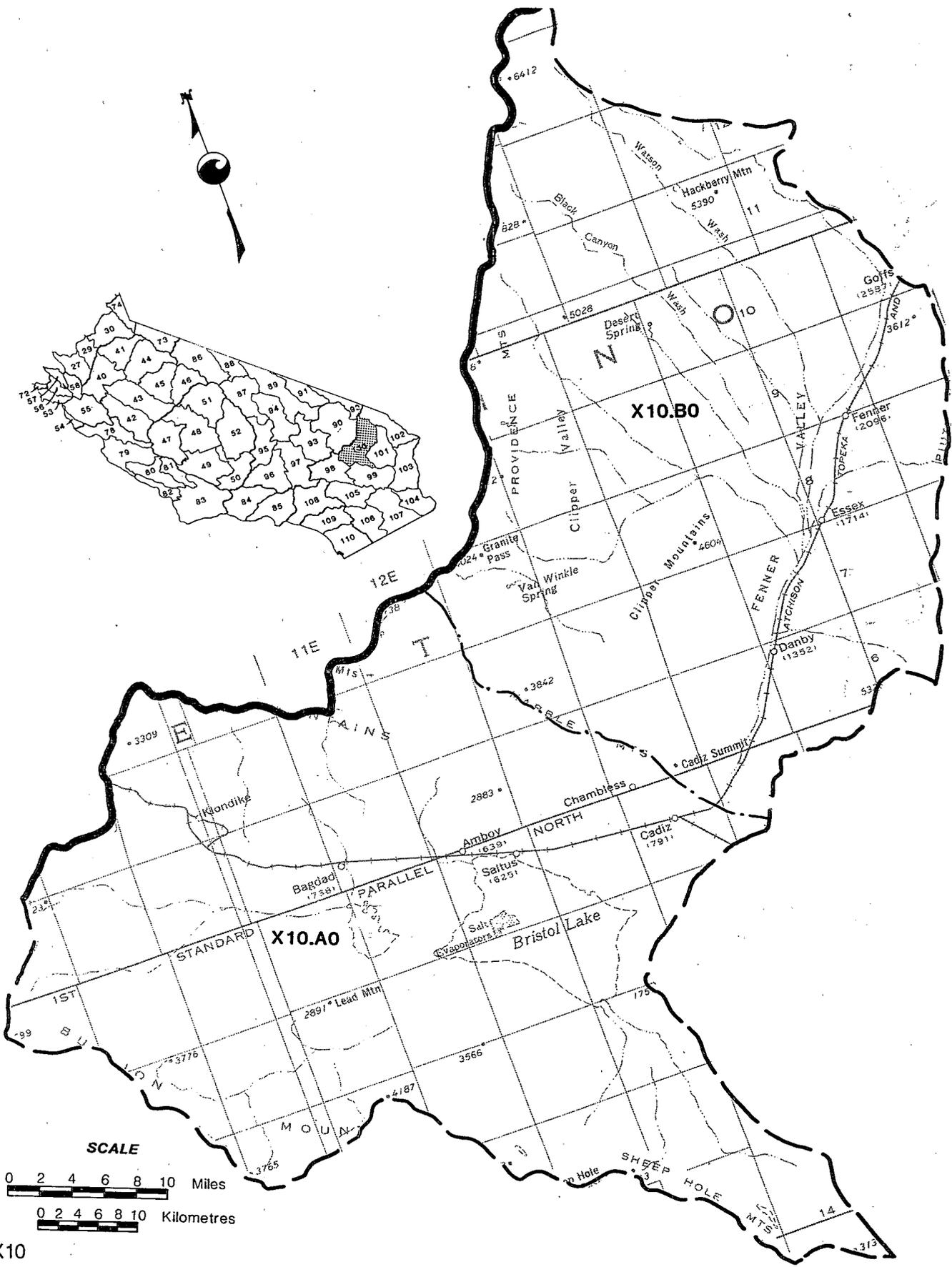
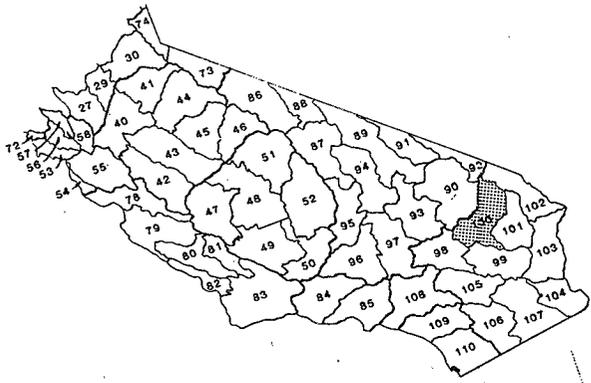


W27, W28.A - D



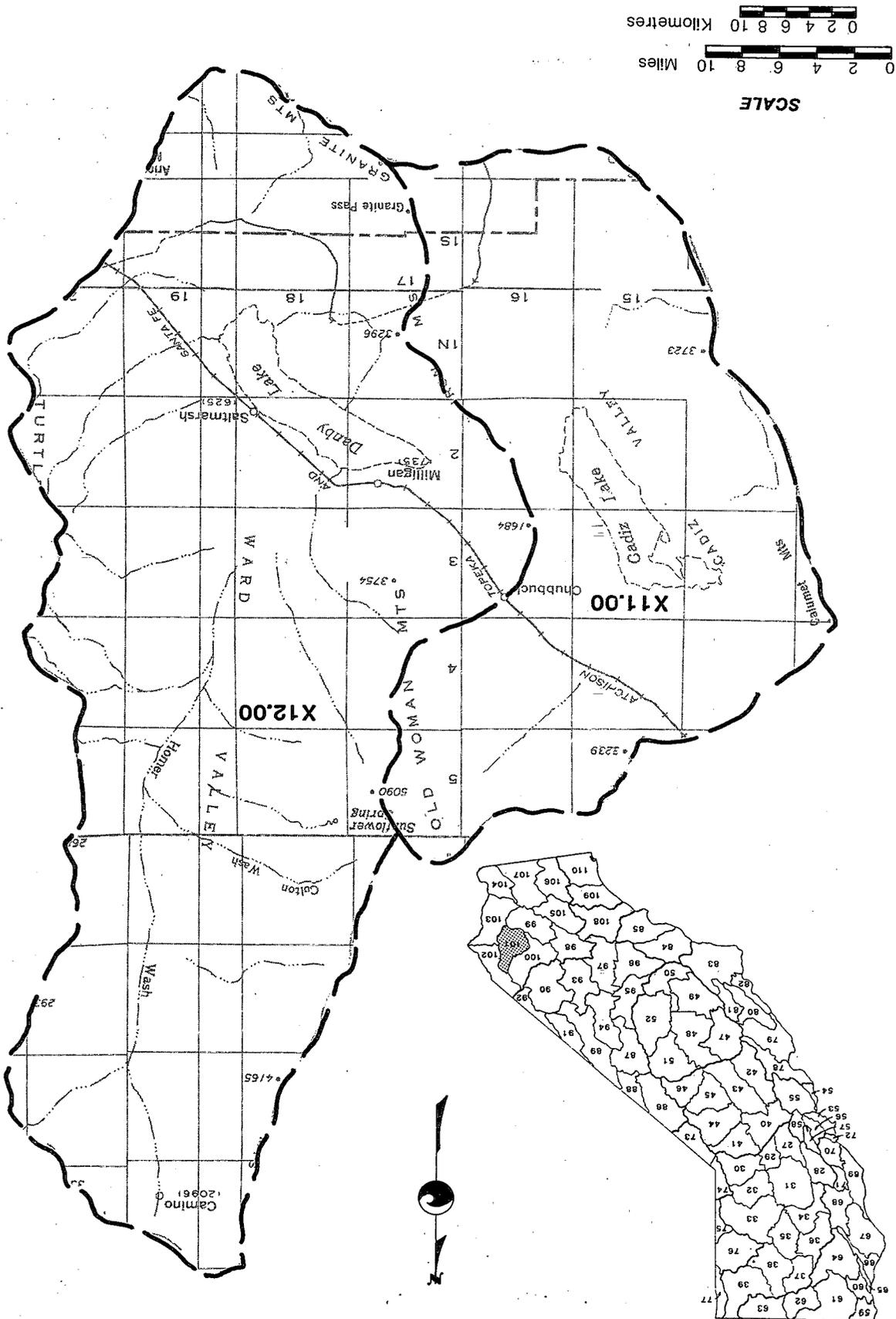


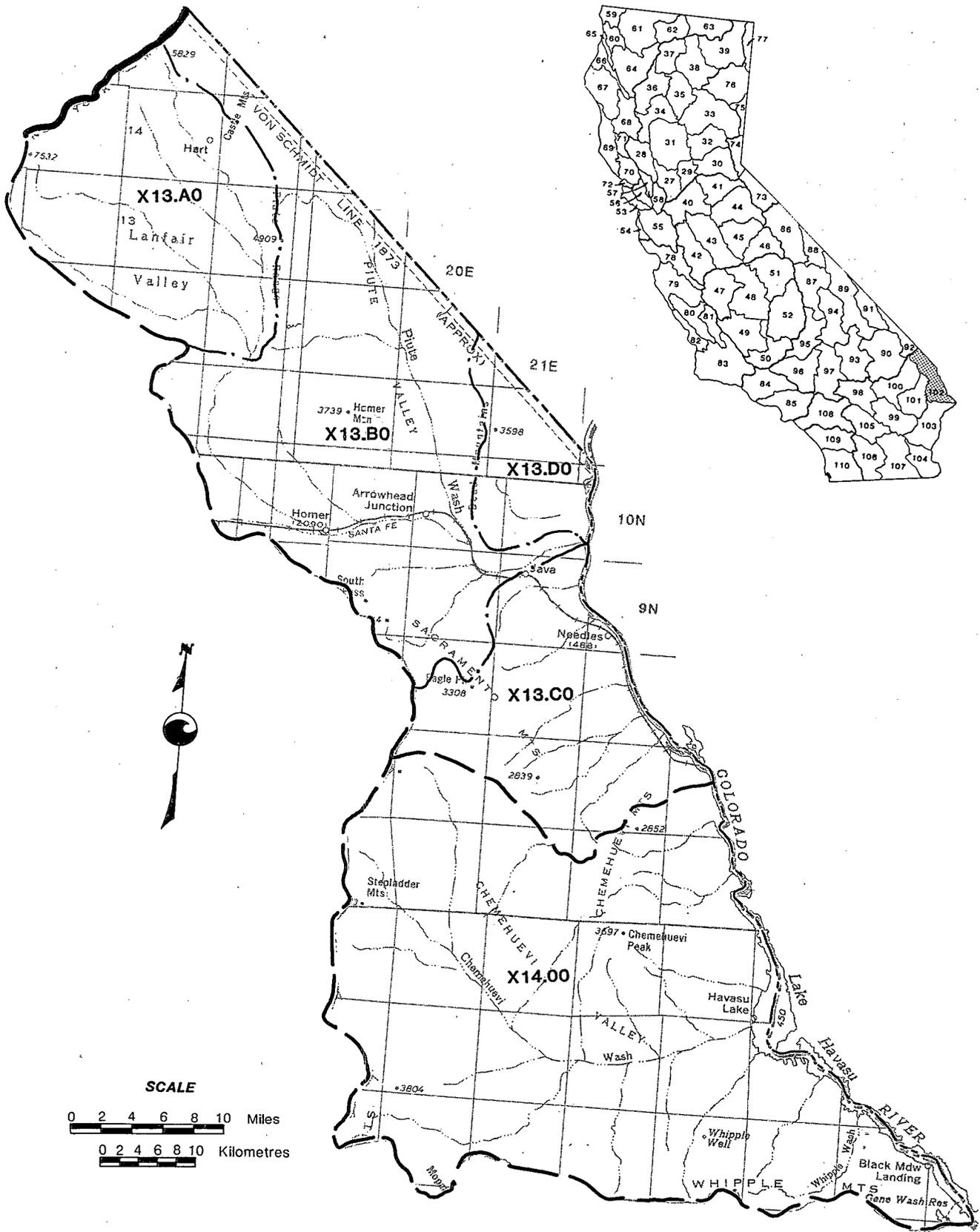
X09, X17.B, C, D & X18



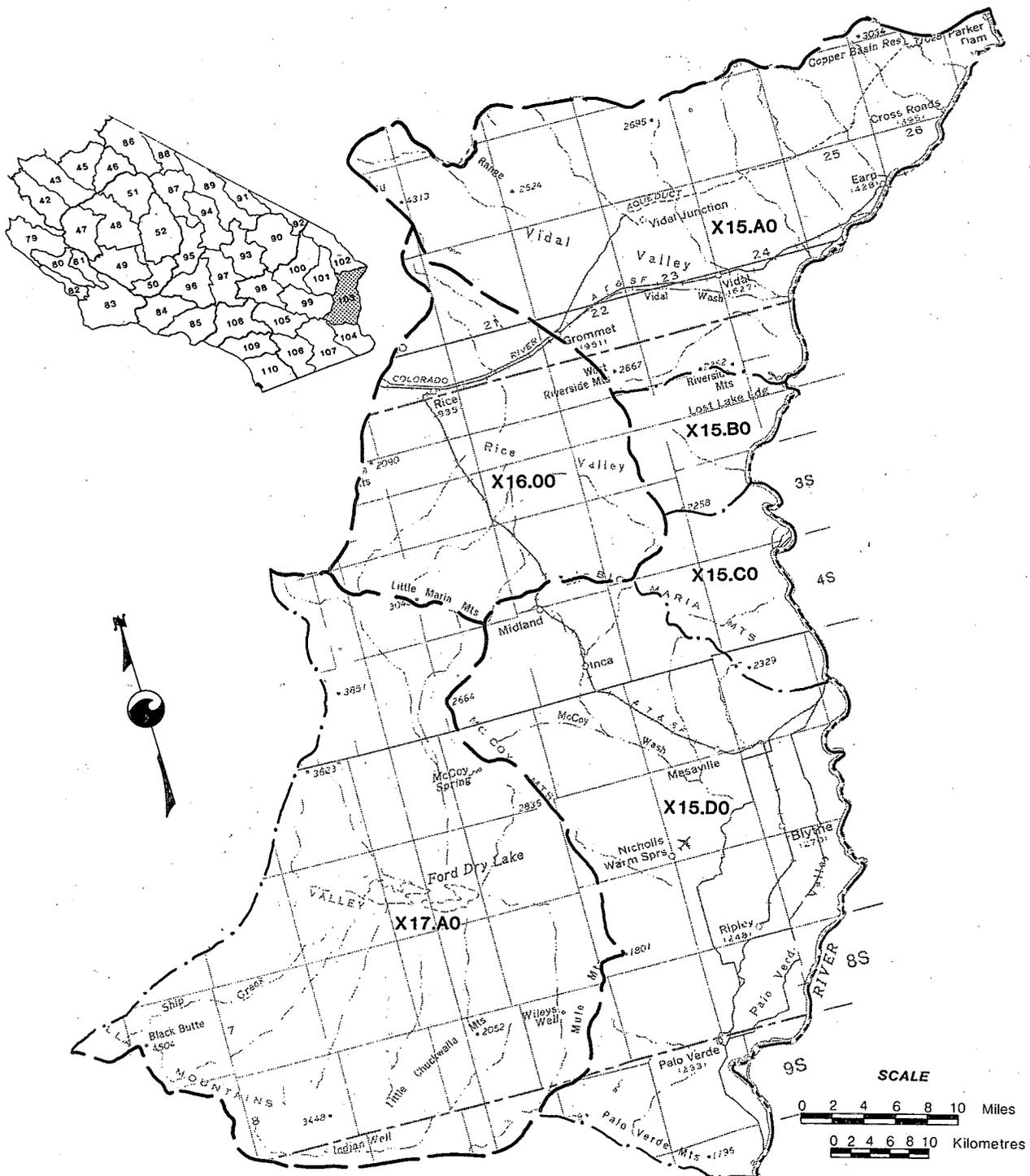
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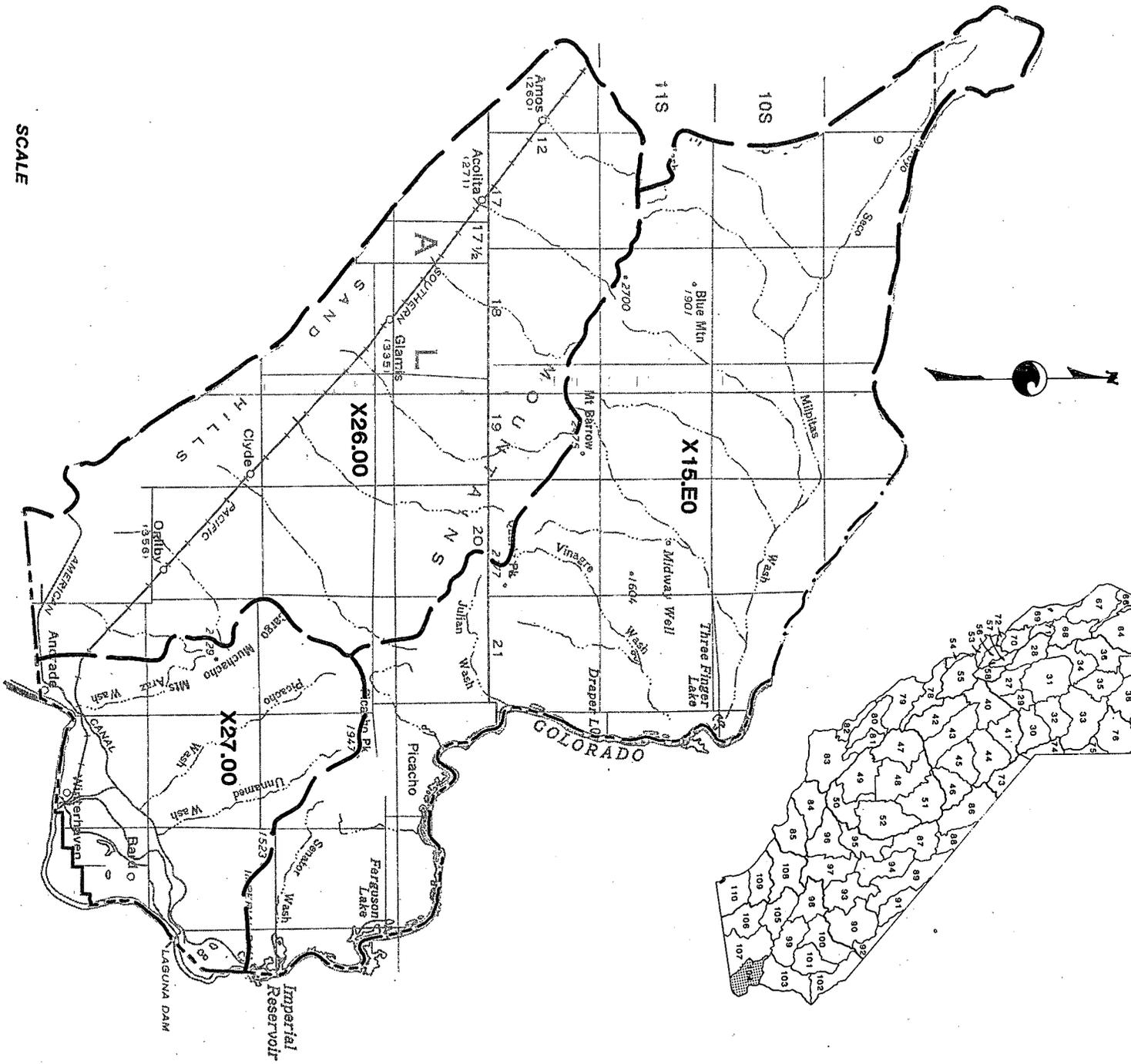
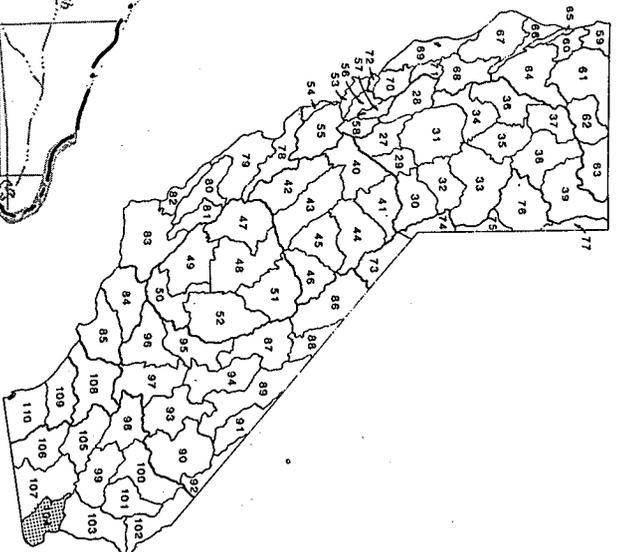




X13 & X14



X15.A - D, X16 & X17.A

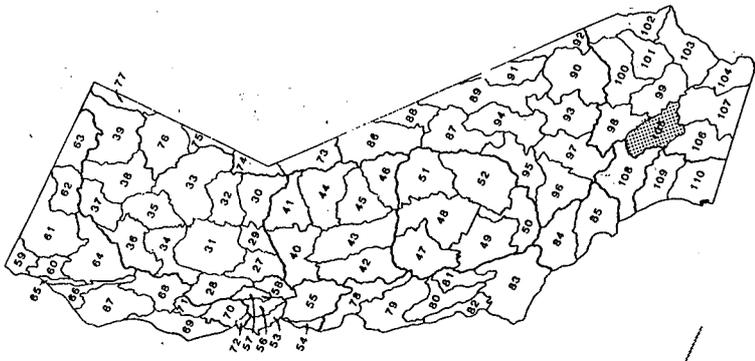
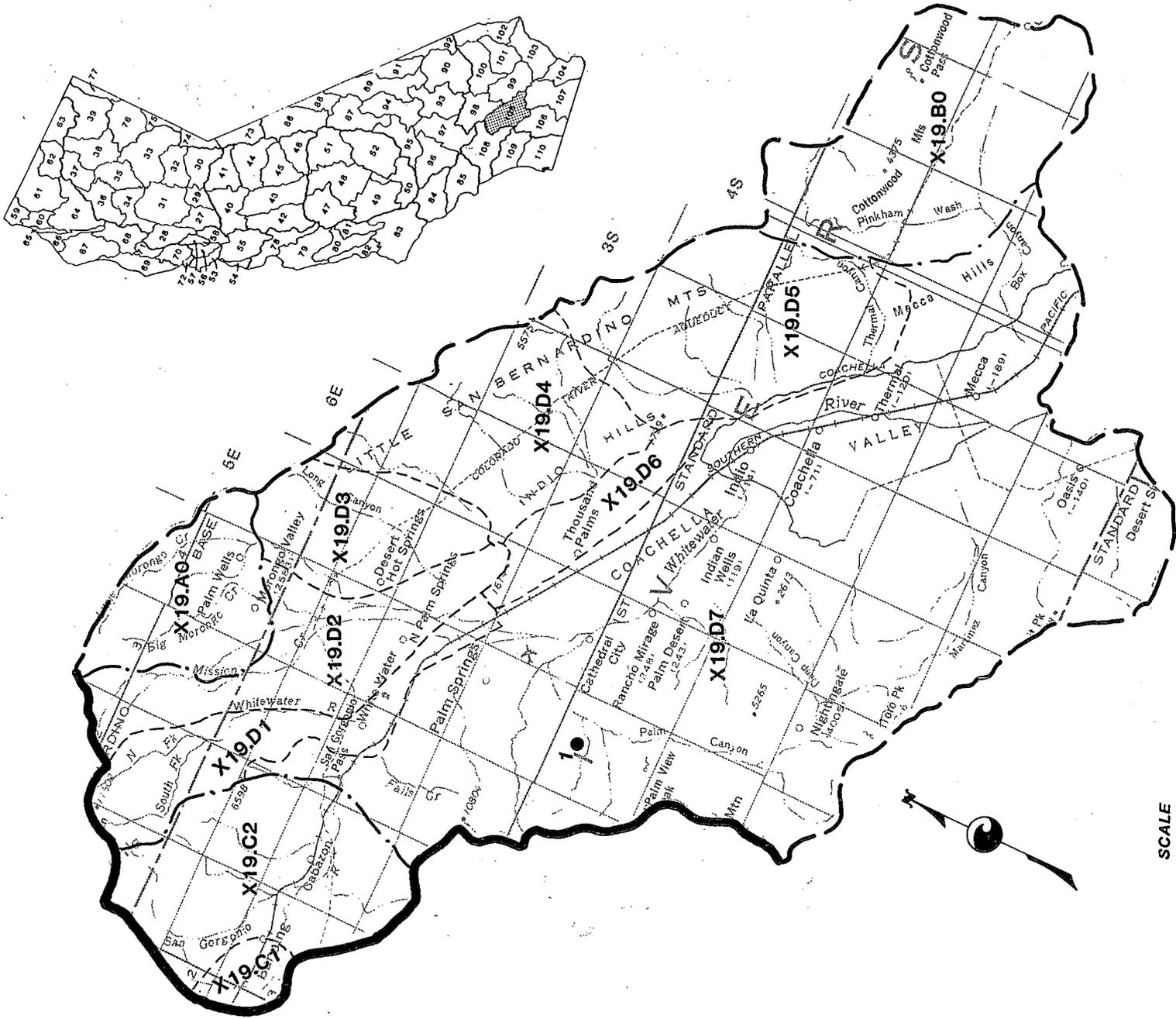


X15.E, X26 & X27

104

D-001631

D-001631



SCALE

0 2 4 6 8 10 Miles

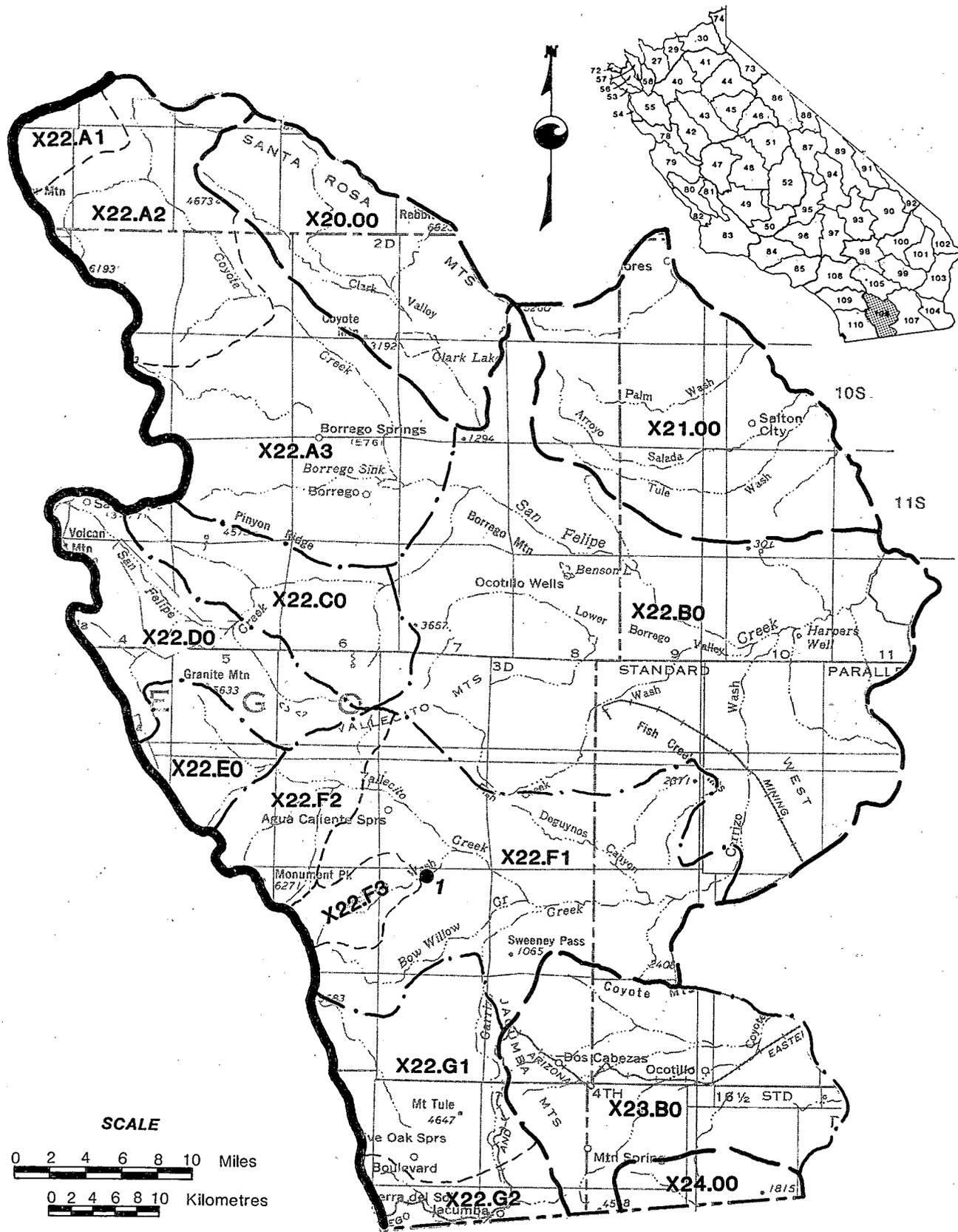
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X19

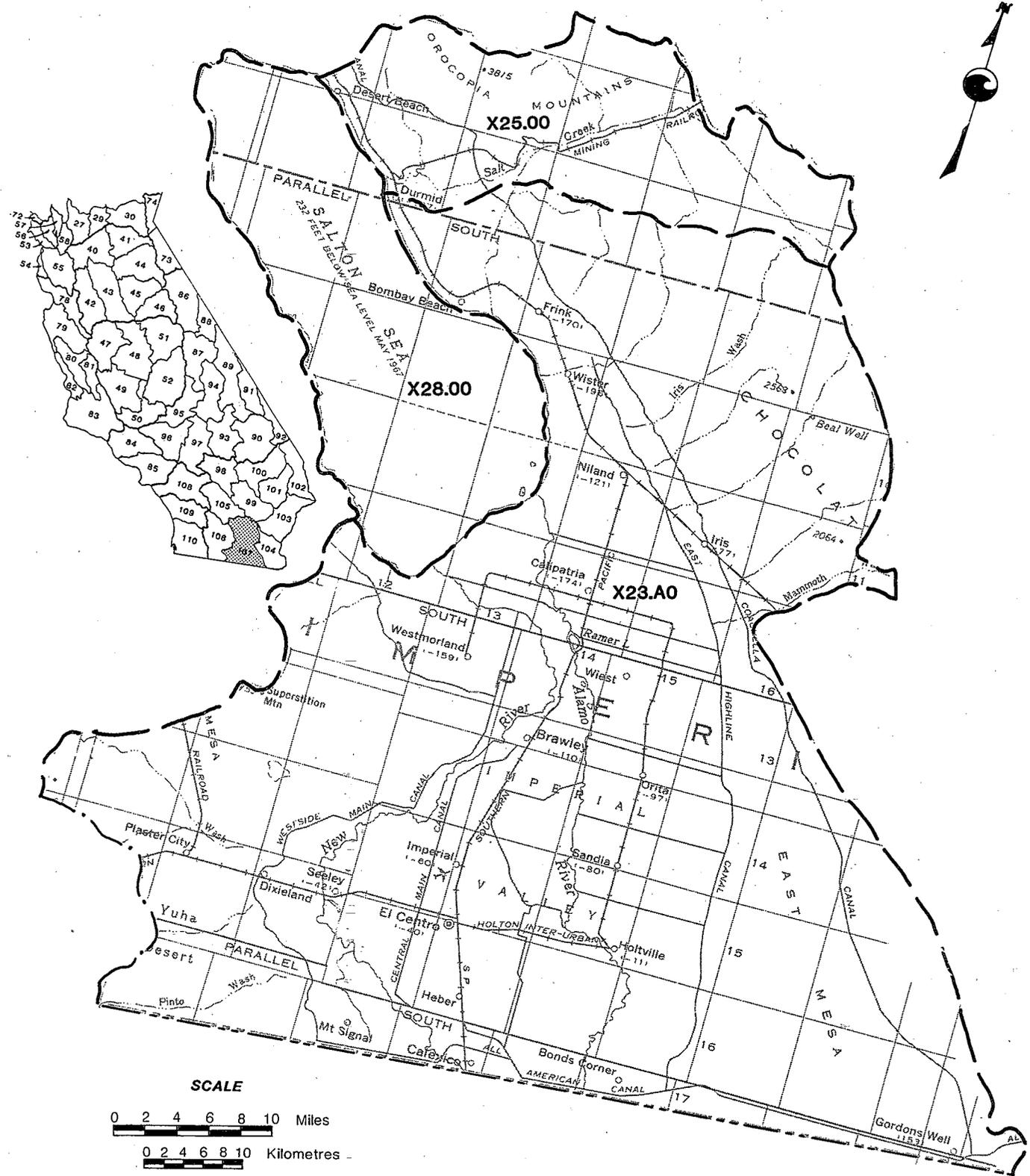
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D-001632

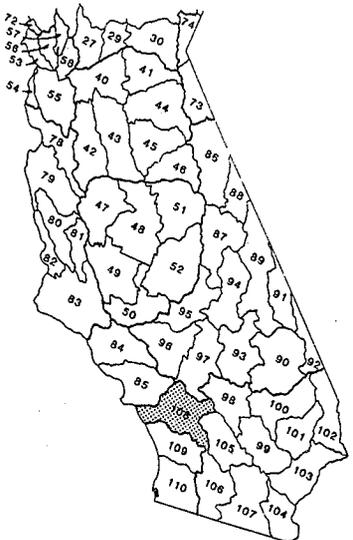
D-001632



X20 - X23.B & X24

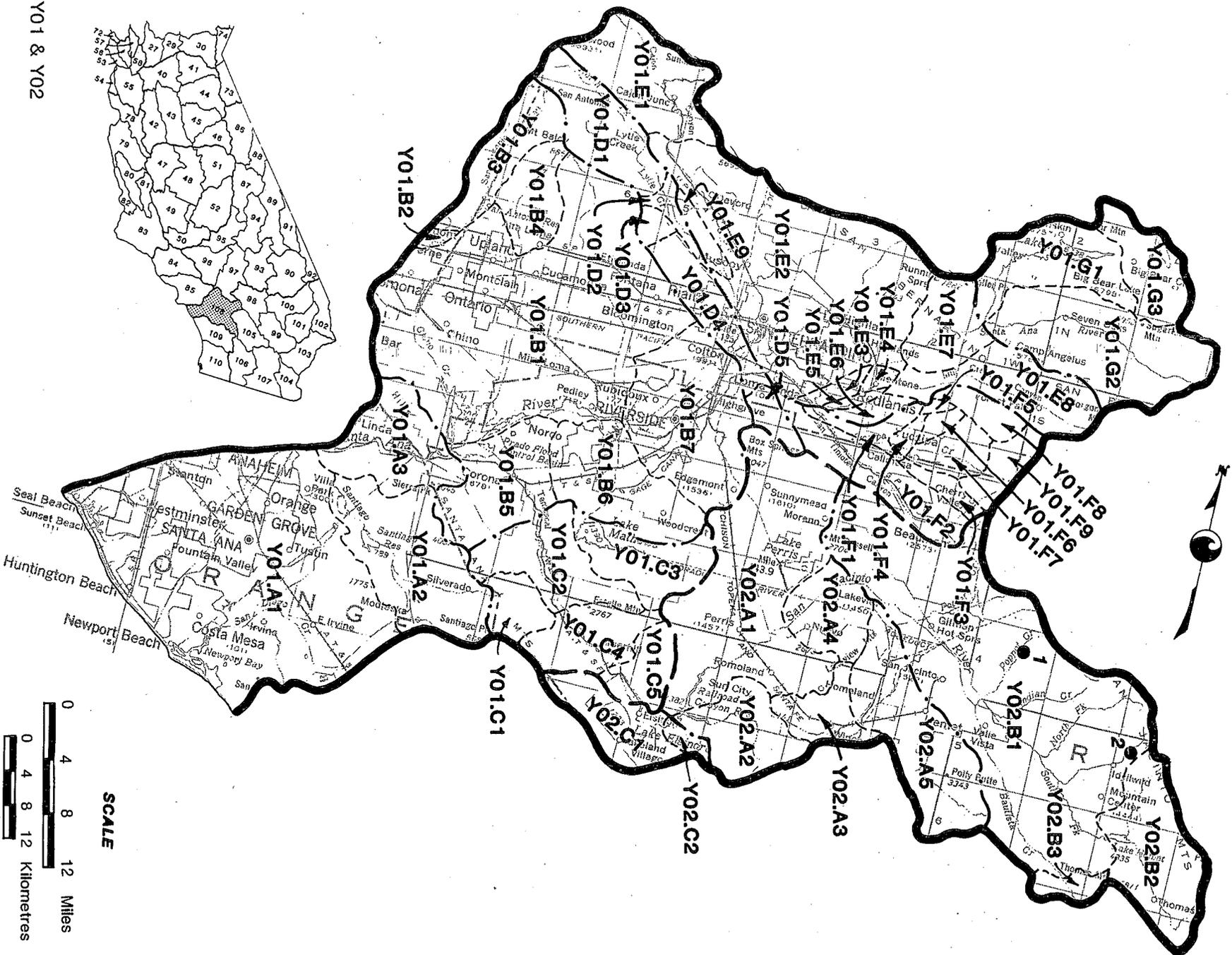


X23.A, X25 & X28



Y01 & Y02

108



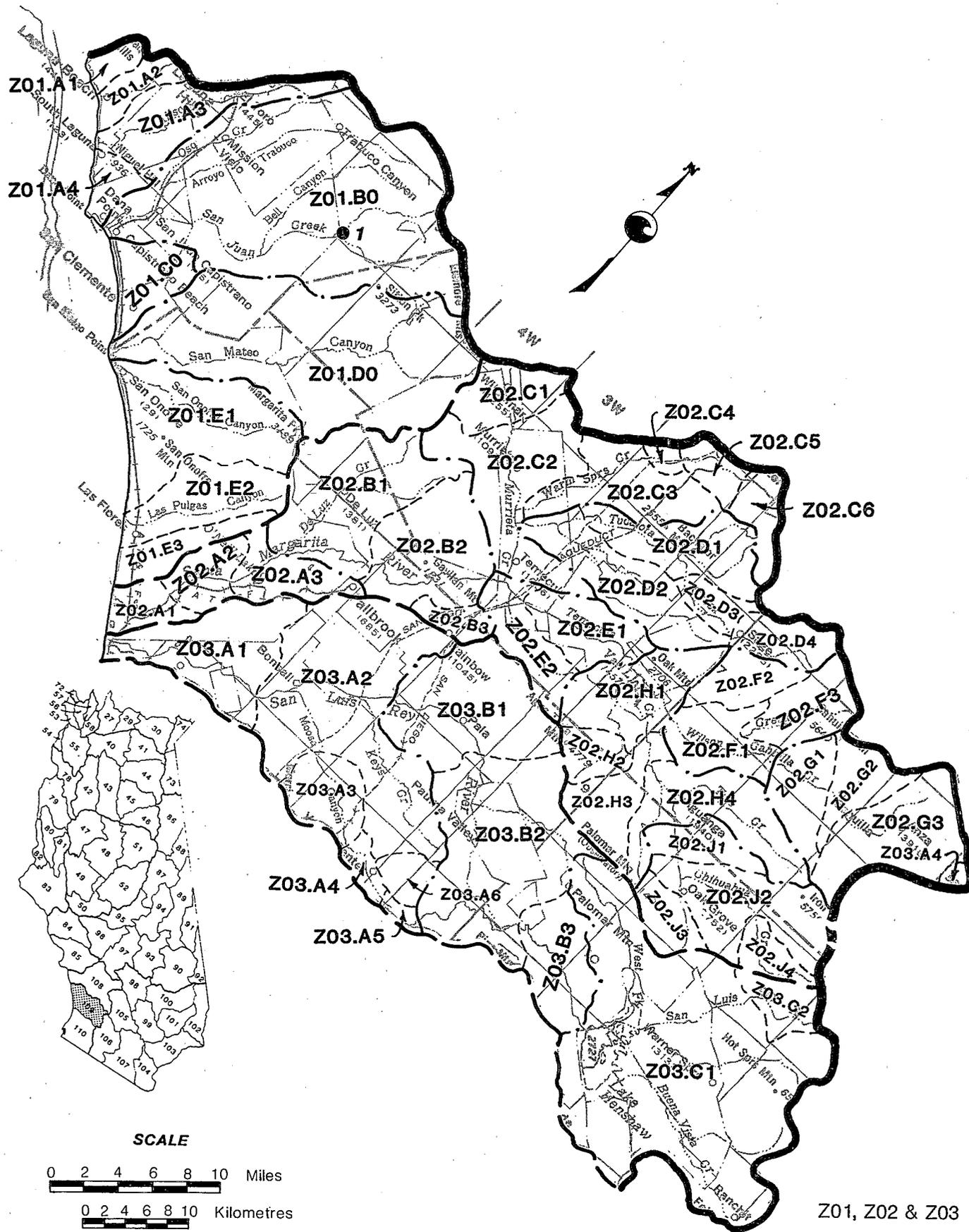
SCALE

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0 4 8 12 Kilometres

D-0001635

D-001635



Z01, Z02 & Z03



Z04 - Z11

Table of
Instream Flow Requirements
Related to
Stream Diversions

Abbreviations and Notes

AF	Acre-Feet	No.	Number
cfs	Cubic Feet per Second	PGandE	Pacific Gas and Electric Company
Ck	Creek	R	Range
Co.	County	R.	River
Div	Diversion	Res.	Resources
DWR	Department of Water Resources	Rts.	Rights
E	East	S	Section
FCWCD	Flood Control and Water Conservation District	S	South
FERC	Federal Energy Regulatory Commission	SCE	Southern California Edison
Gal	Gallon	SF	South Fork
H	Humboldt Base and Meridian	SWRCB	State Water Resources Control Board
ID or	Irrigation District	TAF	Thousand Acre-Feet
I.D.		USBR	United States Bureau of Reclamation
Inc.	Incorporated	USGS	United States Geological Survey
KR	Kern River	W	West
Ltd	Limited	WA or	Water Agency
Max	Maximum	W.A.	
MD	Mount Diablo Base and Meridian	WCD	Water Conservation District
MF	Middle Fork	WD or	Water District
Min	Minimum	W.D.	
MUD	Municipal Utility District	Wtr	Water
MWD	Municipal Water District	Yr	Year
N	North	≥	Greater than or equal to
NF	North Fork	≤	Less than or equal to
n.f. or	Natural Flow	<	Less than
nf		>	Greater than

The table makes frequent reference to "compliance with Fish and Game Code Section 5937". The following full text provides a more complete meaning to the reference.

In compliance with Section 5937 of the Fish and Game Code, the permittee shall allow sufficient water at all times to pass through a fishway, or in the absence of a fishway, allow sufficient water to pass over, around, or through the dam to keep in good condition any fish that may be planted or exist below the dam; provided that during a period of low flow in the stream, upon approval of the Department of Fish and Game, this requirement will be satisfied if sufficient water is passed through a culvert, waste gate, or over and around the dam to keep in good condition any fish that may be planted or exist below the dam if it is impracticable or detrimental to pass the water through a fishway. This provision shall not require the passage or release of water at a greater rate than the flow in the stream at the diversion, less any flow attributable to use of the stream as a conduit, pursuant to Water Code Section 7075.

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - A0000 - SACRAMENTO					
HYDROLOGIC UNIT - A0300 - PUTAH CREEK					
A02.B0-1	Putah Creek 11199	SW 1/4 of NE1/4 S29, T8N, R2W, MD 10-29-45	----	Montecello Dam USBR	At all times release into the streambed of Putah Creek immediately below Monticello Dam ≥ 10 cfs.
A03.A4-1	Burton Creek 24272	SE1/4 of SE1/4 S17, T9N, R5W, MD 09-23-80	----	Bradshaw, Stanley P.	Apr. 1 - Apr. 30 ≥ 1 cfs May 1 - July 1 ≥ 0.5 cfs or n.f. where flow is less than above
A03.A4-2	Burton Creek 26177	SW1/4 of NW1/4 S25, T9N, R5W, MD 02-10-81	----	Wilson, William J.	Dec. 1 - Mar. 1 ≥ 4 cfs or n.f. where flow is less than above
A03.A4-3	Pope Creek 25432	SE1/4 of SW1/4 S10, T9N, R5W, MD 01-18-77	----	Buttes Gas and Oil Company	Nov. 1 - Apr. 30 ≥ 10 cfs or n.f. where flow is less than above
A03.A4-4	Burton Creek 25765	SE1/4 of SW1/4 S21, T9N, R5W, MD 07-30-80	----	Berglund, William R.	Dec. 1 - Feb. 29 ≥ 4 cfs Mar. 1 - Apr. 30 ≥ 1 cfs May 1 - May 15 ≥ 0.5 cfs Nov. 1 - Nov. 30 ≥ 0.5 cfs or n.f. where flow is less than above
A03.A4-5	Pope Creek 25432	SW1/4 of SE1/4 S9, T9N, R5W, MD 11-26-79	----	Buttes Gas and Oil Company	Nov. 1 - Apr. 30 ≥ 10 cfs or n.f. where flow is less than above

D-001640

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A03.A4-6	Pope Creek	SE1/4 of SW1/4 S10, T9N, R5W, MD	----	----	Year round \geq 10 cfs or n.f. where flow is less than above
	24045	01-18-77	----	Buttes Gas and Oil Company	
	L11156				
A03.A4-7	Maxwell Creek	SE1/4 of SE1/4 S2, T8N, R5W, MD	----	----	Mar. 1 - Apr. 30 \geq 0.25 cfs or n.f. where flow is less than above
	24366	01-07-81	----	Schma, Donald W.	
A03.A4-8	James Creek	SE1/4 of SE1/4 S36, T10N, R6W, MD	----	----	Nov. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24673	06-04-80	----	Brown, Phillip S.	
A03.A4-9	Maxwell Creek	SE1/4 of SE1/4 S3, T8N, R5W, MD	----	----	Nov. 1 - Feb. 29 \geq 3.5 cfs Mar. 1 - June 15 \geq 1 cfs or n.f. where flow is less than above
	24851	05-16-78	----	Balyeat, Rachael	
A03.A4-10	Pope Creek	SW1/4 of SE1/4 S9, T9N, R5W, MD	----	----	Nov. 1 - Apr. 30 \geq 30 cfs or n.f., whenever flow is less than above
	22042	12-13-78	----	Buttes Gas & Oil Company	
A03.A4-11	Pope Creek	NW1/4 of SW1/4 S14, T9N, R5W	----	----	Nov. 1 - Feb. 29 \geq 1 cfs Mar. 1 - May 30 \geq .5 cfs or n.f., where flow is less than above
	24721	03-15-77	----	Wallace Hardin	

Identity Number	Stream Name	Water Rights Application Number	Location	Diversion Name	Minimum Instream Flows Under Agreement
	License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
A03.A4-12	Hardin Creek	24664	SE1/4 of SE1/4 S25, T9N, R5W, MD 08-08-74	--- Mary E. Eakle	Nov. 1 - Nov. 30 \geq 1 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 30 \geq 2 cfs or total streamflow if less than above
A03.A4-13	James Creek	26656	NW1/4 of NE1/4 S1, T9N, R6W, MD 12-09-80	--- El Rancho Motel Inc.	Nov. 1 - Nov. 31 \geq 2.5 cfs Dec. 1 - Dec. 31 \geq 5 cfs Jan. 1 - Mar. 1 \geq 7 cfs Mar. 2 - Mar. 31 \geq 5 cfs Apr. 1 - Apr. 30 \geq 2.5 cfs or n.f. whichever less
A03.A4-14	Pope Creek	26313	NW1/4 of NE1/4 S7, T9N, R5W, MD ---	--- Lakesprings Ranch. N.V.	At permittee's option: either bypass all surface flows or suspend diversion from reservoir for irrigation when streamflows in Pope Creek as measured at USGS gage on Pope Creek near Pope Valley are less than: Nov. 1 - Nov. 31 18 cfs Dec. 1 - Dec. 31 35 cfs Jan. 1 - Mar. 1 50 cfs Mar. 2 - Mar. 31 35 cfs Apr. 1 - Apr. 30 18 cfs
A03.A4-15	Pope Creek	26452	NE1/4 of SW1/4 S8, T9N, R5W, MD 07-11-80	--- Buttes Gas & Oil Co.	Bypass from Nov. 1 - Apr. 30 all surface flows entering reservoir when the discharge of Pope Creek as measured at permittee's Pope Creek pumping station (P 16855, A24045) is less than 10 cfs

Stream Name	Water Rights Application Number	License Number	Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Water Rights Applicant	Diversion Name	Minimum Instream Flows Under Agreement
A03.A4-16	Burton Creek	26994	09-10-81	---	NW1/4 of NE1/4 S20, T9N, R5W, MD	---	Pope Valley School District	Oct. 15 - Nov. 30 bypass min. 2 cfs Dec. 1 - Feb. 29 bypass min. 4 cfs Mar. 1 - Apr. 30 bypass min. 2 cfs May. 1 - Oct. 14 bypass min. 0.5 cfs or total streamflow whenever it is less than above		
A03.A4-17	Maxwell Creek	23834	08-02-71	---	NE1/4 of NW1/4 S25, T9N, R5W, MD	---	Edward H. Metcalf	Dec. 1 - Feb. 28 7 cfs or n.f. Mar. 1 - Mar. 31 2.5 cfs or n.f. provided that the permittee may direct water when the n.f. is such that surface hydraulic continuity does not, or would not, exist between Pope Creek and Maxwell Canyon Diversion site.		
A03.A4-18	Maxwell Creek	22739	03-22-67	---	S35, T9N, R5W, MD	---	Usibelli Coal Mines	April and March bypass 2 cfs or natural flow if less		
A03.A4-19	James Creek	25433	07-18-77	---	NW1/4, SE1/4 S36, T10N, R6W, MD	---	Andrew Cangemi, Lila Cangemi	Nov. 1 - May 15 bypass min 10 cfs or total streamflow if less		
A03.A4-20	Hardin Creek	24664	01-03-75	---	NW1/4 of NE1/4 S36, T9N, R5W, MD	---	Mary E. Eakle	Nov. 1 - Nov. 30 > 1 cfs Dec. 1 - Feb. 29 > 10 cfs Mar. 1 - May 30 > 2 cfs or n.f.		
A03.A4-21	Pope Creek	22042	12-13-78	---	SE1/4 of SW1/4 S10, T9N, R5W MD	---	Buttes Gas & Oil Co.	Nov. 1 - Apr. 30 > 30 cfs or n.f., whenever flow is less than above		

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A03.A7-1	Eticuera Creek	NE1/4 of SE1/4 S15, T10N, R4W, MD	----	----	Nov. 1 - Apr. 30 \geq 3 cfs May 1 - May 15 \geq 0.5 cfs or n.f. where flow is less than above
	25776	10-02-79	----	McKellar and Associates, Inc.	
A03.B0-1	Dry Creek	N1/2 S3, T10N, R7W, MD	----	----	Nov. 1 - Nov. 30 \geq 1.5 cfs Dec. 1 - Dec. 31 \geq 5 cfs Jan. 1 - Apr. 30 \geq 10 cfs May 1 - May 15 \geq 5 cfs or n.f. where flow is less than above
	26003A	11-03-80	----	Plexus Corporation	
A03.B0-2	Dry Creek	NE1/4 of SE1/4 S4, T10N, R7W, MD	----	----	Nov. 1 - Nov. 31 \geq 1.5 cfs Dec. 1 - Dec. 31 \geq 5 cfs Jan. 1 - Apr. 30 \geq 10 cfs May 1 - May 15 \geq 5 cfs or n.f. where flow is less than above
	26168	10-02-80	----	Downing, James C.	
A03.B0-3	Mysterious Creek	SW1/4 of SW1/4 S36, T11N, R5W, MD	----	----	Diversion only when flow is \geq 0.25 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	23532	01-21-72	----	Pease, Norman C.	
A03.B0-4	Bradford Creek	NE1/4 of SW1/4 S23, T10N, R7W, MD	----	----	Apr. 1 - May 15 \geq 1 cfs May 16 - Oct. 31 \geq 0.25 cfs or n.f. where flow is less than above
	24538	01-27-78	----	Hall, Robert L.	
A03.B0-5	Putah Creek	Lot 5, S4, T10N, R5W, MD	----	Putah Creek Pump #1	Oct. - Apr. 30 \geq 40 cfs or n.f. whichever is less
	24296	01-21-77	----	Magoon Estate Limited	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
A03.B0-6	Trib. to Bucksnot Creek 24296 & 24297	NE1/4 of SE1/4 S1, T10N, R6W, MD 01-21-77	---	Lower Bohn Lake Dam Magoon Estate Limited	Oct. 1 - Apr. 30 \geq 0.5 cfs
A03.B0-7	Trib. to Bucksnot Creek 24297	SE1/4 of NW1/4 S16, T10N, R6W, MD 02-01-73	---	Cassidy Dam Magoon Estate Limited	Oct. 1 - Apr. 30 \geq 0.25 cfs or n.f.
A03.B0-8	Bucksnot Creek 24297	SE1/4 of NE1/4 S17, T10N, R6W, MD 02-01-73	---	--- Cassidy Transfer Pump	Oct. 1 - Apr. 30 0.25 cfs or n.f.
A03.B0-9	Bucksnot Creek 24296 & 24297	NW1/4 of SE1/4 S36, T11N, R6W, MD 01-21-77	---	Ink Diversion Magoon Estate Limited	Oct. 1 - Apr. 30 \geq 2 cfs or n.f. whichever is less
A03.B0-10	Butcherknife Creek 24296, 24635 & 24297	SE1/4 of SW1/4 S29, T11N, R5W, MD 01-21-77	---	Ink Dam Magoon Estate Limited	Oct. 1 - Apr. 30 0.25 CFS or n.f.

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A0400 - CACHE CREEK					
A04.A2-1	Cache Creek 15975	NW1/4 of SE1/4 S19, T13N, R5W, MD 07-14-61	---	Wilson Valley Dam Yolo County FC&WCD	After construction release \geq 10 cfs at all points between Wilson Valley and Capay Dam
A04.C0-1	North Fork Cache Creek 15975, 11389	S9, T14N, R6W, MD 05-16-60	---	Indian Valley Reservoir Yolo County FC&WCD	10 cfs or n.f.
A04.D4-1	Adobe Creek 24336	NW1/4 of NE1/4 S32, T13N, R9W, MD 03-06-74	---	--- Kluge, Anna	Mar. 1 - Mar. 31 \geq 5 cfs Apr. 1 - Apr. 30 \geq 3 cfs May 1 - May 31 \geq 1 cfs or n.f. where flow is less than above
A04.D4-2	Kelsey Creek 12389	NE1/4 of SE1/4 S34, T13N, R9W, MD 04-23-81	---	--- Lake County FC&WCD	Oct. 1 - May 31 \geq 25 cfs June 1 - Sept. 30 bypass total stream Inflow to the reservoir

D-001646

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A0500 - VALLEY-AMERICAN					
A05.A1-1	Laguna Creek 26691	SW1/4 of NW1/4 S25, T7N, R5E, MD 01-21-81	---	---	Apr. 1 - Oct. 30 bypass min. 0.5 cfs or total streamflow if less
				James N. Bristow	
A05.B1-1	American River 13372 D1400	S16, T9N, R7E, MD 10-21-67	---	Nimbus Dam U.S.B.R.	Jan. 1 - Sept. 14 250 cfs Sept. 15 - Dec. 31 500 cfs except in "Critical Dry Yr." Oct. - Sept. Apr. 1 - Sept. 30 < 600,000 AF into Folsom Dam Critical dry year: When the U.S.B.R. predicts the estimated natural inflow to Folsom Reservoir during the included period from April 1 - September 30th, is less than 600,000 AF. Pending Auburn Reservoir construction which is currently suspended for maintenance of fish and wildlife Oct. 15 - Jul. 14 1,250 cfs Jul. 15 - Oct. 14 800 cfs Reductions below these amounts may be made in the same proportion as deficiencies taken for irrigation purposes. For recreation purposes May 15 - Oct. 14 1,500 cfs above flows for recreation and fisheries are not cumulative. No flows for recreation are required when irrigation deficiencies are required.

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
A05.B1-2	American River	S16, T9N, R7E, MD		Nimbus Hatchery Contract	Not more than 30 cfs
	D1400	06-00-61	---	U.S.B.R.	
A05.B1-3	Secret Ravine	NW1/4 of NW1/4 S15, T11N, R7E, MD		---	Diversion shall occur only from 10:00 p.m. to 6:00 a.m. of following day
	25866	11-11-78	---	David L. VanCleve Rosanne R. VanCleve	
A05.B1-4	Antelope Creek	NE1/4 of SE1/4 S5, T11N, R7E, MD		---	For the protection of fish and game, permittee may divert 0.05 cfs or 50% of n.f., whichever is less during May 1 - June 30 and Sept. 1 - Nov. 1. In no instance shall the permittee divert more than 0.05 cfs, nor shall he divert during another part of the year.
	26063	01-07-81	---	Charles M. Flatter	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement	
HYDROLOGIC UNIT - A0600 - AMERICAN RIVER						
A06.A2-1	North Fork American River	S23, T12N, R8E, MD		Auburn Dam	75 cfs - Pending construction which is currently suspended.	
		07-30-62		Placer Co. W.A.		
A06.B2-1	South Fork American	S10, T11N, R12E, MD		Brush Creek Dam	<u>When Storage</u> Oct. 1 - Sept. 30: 2 cfs >1,500,000 AF Oct. 1 - Sept. 30: 1 cfs <1,500,000 AF	
	13746	06-03-69	2101	Sacramento M.U.D.		
A06.B2-2	South Fork American	S25, T11N, R11E, MD		Slab Creek Dam	<u>When Forecast for Folsom all year</u> >2,000,000 AF >1,500,000 AF but <2,000,000 AF <1,500,000 AF but >1,000,000 AF <1,000,000 AF	
	22110	02-28-62	2101	PGandE		
	L10513					
						June- Nov. 15 36 cfs
						Nov. 16- May 31 36 cfs
A06.B2-3	South Fork American	S25, T11N, R10E, MD		Chili Bar Dam	Never less than 100 cfs	
	22110	02-28-62	2101	Sacramento M.U.D.		
	L10513					
A06.B2-4	Granite Creek	NW1/4 of SE1/4 S30, T11N, R10E, MD			Apr. 1 - July 1 \geq 0.5 cfs or n.f. where flow is less than above	
	25506	10-15-79		Thomas, Clifton L.		

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A06.B2-5	Granite Creek	NW1/4 of SE1/4 S30, T11N, R10E, MD		----	Nov. 1 - Apr. 1 \geq 0.5 cfs or n.f. where flow is less than above
	25815	10-15-79	----	Thomas, Clifton L.	
A06.B5-1	Pyramid Creek	NE1/4 of NE1/4 S32, T12N, R17E		Lake of the Woods	159 afa to be collected from about Nov. 1 of each year to about July 31 of the succeeding year. Use: In the natural channel of Pyramid Creek below Lake of the Woods.
	Riparian		1936	USDA Forest Service	
A06.B5-2	Pyramid Creek	SW1/4 of SW1/4, S29, T12N, R17E		American Lake	50 afa to be collected from about Nov. 1 of each year to about July 31 of subsequent year. Use: In natural channel of Pyramid Creek below American Lake.
	Riparian		1940	USDA Forest Service	
A06.C2-1	Duncan Canyon	S24, T15N, R13E, MD		Duncan Canyon Dam	Normal yr. - 8 cfs or n.f. Dry yr. - 4 cfs or n.f.
	18084	07-30-62	----	Placer Co. W.A.	
A06.C2-2	Middle Fork American	S36, T15N, R13E, MD		French Meadows Dam	Normal yr. - 8 cfs Dry yr. - 4 cfs
	18087	07-30-62	----	Placer Co. W.A.	
A06.C2-4	Grouse Creek	SE1/4 of NE1/4 S35, T15N, R12E, MD		----	Diversion only when flow is \geq 2 cfs or n.f. where flow is less than above
	25063	01-05-77	----	Mullen, Harvey E.	
A06.C2-5	Middle Fork American	S26, T14N, R12E, MD		Ralston Interbay Dam	Normal yr. Dry yr.
	18087	07-30-62	2079	Placer Co. W.A.	23 cfs or n.f. 12 cfs or n.f.

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement		
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		Month	Normal yr.	Dry yr.
	License Number							
A06.C3-1	Long Canyon Creek	S7, T13N, R12E, MD		South Long Canyon				
	18087	07-30-62	----	Placer Co. W.A.		Jan.-Dec.	5 cfs or n.f.	2.5 cfs or n.f.
A06.C3-2	Long Canyon Creek	S24, T14N, R13E, MD		North Long Canyon		Jan.-Dec.	2 cfs or n.f.	
	18087	07-30-62	----	Placer Co. W.A.				
A06.C3-3	Middle Fork American	S3, T13N, R11E, MD		Ralston Afterbay Dam		75 cfs		
	18087	07-30-62	2079	Placer Co. W.A.				
A06.C4-1	Garle Creek	S15, T13N, R14E, MD		Garle Creek Diversion Dam		Month	Normal Yr.	Dry Yr.
	12624	02-28-62	2101	SMUD		May 1-Oct 31	10 cfs	7 cfs
	L11074					Nov 1-Apr 30	5 cfs	4 cfs
A06.C5-1	Rubicon River	S16, T14N, R14E, MD		Hell Hole Dam		When forecast for Folsom all year		
	18087	07-30-62	----	Placer Co. W.A.		>1,000,000 AF then	May 15 - Dec. 14	20 cfs
							Dec. 15 - May 14	10 cfs
						<1,000,000 AF then	June - Oct. 14	10 cfs
							Oct. 15 - May 6	6 cfs
A06.D2-1	Brimstone Creek	S5, T14N, R11E, MD		Brimstone Reservoir		2 cfs or n.f.		
	18291	01-31-60	----	Murphy, James				
	D-1082							

D-001651

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
A06.D2-2	North Shirttail Canyon	S24, T15N, R10E, MD		Sugar Pine Reservoir		Feb. 1 - May 5 5 cfs or n.f. June 1 - Jan. 31 2 cfs or n.f. 0.5 cfs shall be released at all times regardless of the natural flow of North Shirttail Canyon Creek.
	21945	06-05-67	---	U.S.B.R.		
A06.D4-1	N.F. of N.F. American	S35, T17N, R12E, MD		Lake Valley Reservoir		1 cfs
	26517	04-11-63	---	PGandE		
A06.D4-2	N.F. of N.F. American	S23, T17N, R12E, MD		Lake Valley Reservoir Diversion		1 cfs
	26517	04-11-63	---	PGandE		
A06.D4-3	Blue Canyon	SW1/4 of SE1/4 S21, T16N, R11E, MD NE1/4 of SE1/4 S21, T16N, R11E, MD NE1/4 of SW1/4 S28, T16N, R11E, MD		---		At all times bypass 45 gal/min at point of diversion #1 below Rocky Spring and 30 gal/min at point of diversion #2 below Forebay Spring or n.f. whichever less.
	24416	07-19-73		Ray B. Jepperson		

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A0700 - COLUSA BASIN					
A07.C0-1	Butte Creek 23201	S35, T16N, R1W, MD 01-01-63	---	Reclamation Dist. 1004	Spill should at no time exceed 5 cfs except for interior drainage water
A07.D0-1	Butte Creek 23201	S14, T16N, R1W, MD 01-01-63	---	White Mallard Dam Reclamation Dist. 1004	Bypass minimum 46 cfs over diversion at White Mallard Dam whenever 124 cfs or greater flows of water exist in Butte Creek when <124 cfs then bypass 1/3 of measured flows over White Mallard Diversion Dam
A07.D0-2	Butte Creek 22039 L11046	NE1/4 of NW1/4 S5, T20N, R2E, MD 02-05-65	---	Adams Esquon Ranch, Inc.	60 cfs at all times plus the flows required in the Butte Creek Decree No. 18917
A07.D0-3	Butte Creek 22321 L11044	SE1/4 of NE1/4 S7, T20N, R2E, MD 10-25-65	---	Gorrill Land Company	At all times \geq 60 cfs
A07.D0-4	Butte Creek 15710, 14546 L08676, L05394	NW1/4 of NW1/4 S4, T18N, R1E, MD 02-02-54	---	McPherrin Land Co.	Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion

D-001653

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A07.D0-5	Butte Creek	SE1/4 of NE1/4 S21, T19N, R1E, MD	---	---	Nov. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above, at the point of diversion
	15017, 15406	09-15-52	---	Bayles, Worth	
	L09727, L09728				
A07.D0-6	Butte Creek	SW1/4 of NW1/4 S14, T16N, R1W, MD	---	---	May 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above, past the point of diversion
	14316	05-21-51	---	Roger C. Wilbur and Jeanne M. Wilbur	
	L07053				

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A0800 - MARYSVILLE					
A08.C0-1	Yuba River 15574	S29, T16N, R5E, MD 09-02-65	2246	Daguerre Point Dam Yuba Co. W.A.	Jan. 1 - June 30 245 cfs Jul. 1 - Sept. 30 70 cfs Oct. 1 - Dec. 31 400 cfs Reduced during critical year according to terms of agreement
A08.D0-1	Feather River 14444	S5, T19N, R4E, MD 07-19-67	2100	Thermalito Diversion Dam Calif. Dept. of Water Resources	400 cfs until new powerplant is completed, then 600 cfs

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement				
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	Preceding Apr.-July Unimpaired Runoff Feather R. near Oroville, Percent of Normal	Minimum Flow Feather River Below Thermalito Afterbay (In cfs)	Oct.-Feb.	Mar.	Apr.-Sept.
A08.D0-2	Feather River	S18, T19N, R3E, MD		Thermalito Afterbay					
	14444	07-19-67	2100	Calif. Dept. of Water Resources					
					> 76%	1700	1700	1700	
					55-76%	1700	1700	1700	
					> 55%	1200	1000	1000	
					<p>If for two or more consecutive water years the Apr.-July unimpaired runoffs average less than 60% of normal, minimum flow shall be for the less than 55% flow schedule.</p> <p>In the event during the period of Oct. 15 - Nov. 30 average flow within a 1 hour period of the combined project releases (Thermalito Div. Dam and Thermalito Afterbay) exceed 2,500 cfs except for flood flows and operating releases the minimum flow in the Feather River below Thermalito Afterbay for the period Oct.-Mar. shall not be reduced more than 500 cfs below the maximum 1 hour flow.</p>				
A08.D0-3	South Honcut Creek	NW1/4 of NE1/4 S29, T17N, R4E, MD		----					
	23343	09-11-69	----	Honcut Creek Ranch					
					<p>Comply with Fish and Game Code Section 5937</p>				

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A08.D0-4	South Honcut Creek	NW1/4 of NE1/4 S29, T17N, R4E, MD	---	---	Comply with Fish and Game Code Section 5937
	23344	09-11-69	---	Yosuba Farms	
A08.D0-5	South Honcut Creek	NW1/4 of NE1/4 S29, T17N, R4E, MD	---	---	Comply with Fish and Game Code Section 5937
	23345	09-11-69	---	Sam Zall	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement									
HYDROLOGIC UNIT - A0900 - BEAR RIVER														
A09.A1-1	Bear River 14804 L11118	NE1/4 of NW1/4 S29, T14W, R6E, MD 05-12-52	---	Camp Far West Reservoir South Sutter Water District	Apr. 1 - June 30 \geq 25 cfs July 1 - Mar. 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion									
A09.A2-1	Wolf Creek 25897	SE1/4 of SE1/4 S21, T15N, R8E, MD 10-16-80	---	W. W. Matthews, Gretta E. Matthews	Dec. 1 - Apr. 1 \geq 5 cfs or n.f. whenever flow is less than above									
A09.A4-1	Bear River 21151 L09903	S34, T16N, R10E, MD 05-10-63	2266	Dutch Flat Afterbay Nevada I.D.	May - Oct. 10 cfs Nov. - Apr. 5 cfs									
A09.A4-2	Bear River 24983	S22, T15N, R9E, MD 05-10-63	2266	Rollins Reservoir Nevada I.D.	<table border="1"> <thead> <tr> <th></th> <th>Normal Yr.</th> <th>Dry Yr.</th> </tr> </thead> <tbody> <tr> <td>May - Oct.</td> <td>75 cfs</td> <td>40 cfs</td> </tr> <tr> <td>Nov. - Apr.</td> <td>20 cfs</td> <td>15 cfs</td> </tr> </tbody> </table>		Normal Yr.	Dry Yr.	May - Oct.	75 cfs	40 cfs	Nov. - Apr.	20 cfs	15 cfs
	Normal Yr.	Dry Yr.												
May - Oct.	75 cfs	40 cfs												
Nov. - Apr.	20 cfs	15 cfs												
A09.A4-3	Bear River 21151 L09903	S17, T16N, R11E, MD 05-10-63	2266	Drum Afterbay Dam Nevada I.D.	<table border="1"> <thead> <tr> <th>Month</th> <th>Normal Yr.</th> <th>Dry Yr.</th> </tr> </thead> <tbody> <tr> <td>Mar. - Sept.</td> <td>10 cfs</td> <td>5 cfs</td> </tr> <tr> <td>Oct. - Feb.</td> <td>5 cfs</td> <td>5 cfs</td> </tr> </tbody> </table>	Month	Normal Yr.	Dry Yr.	Mar. - Sept.	10 cfs	5 cfs	Oct. - Feb.	5 cfs	5 cfs
Month	Normal Yr.	Dry Yr.												
Mar. - Sept.	10 cfs	5 cfs												
Oct. - Feb.	5 cfs	5 cfs												

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A09.A4-4	Bear River	S36, T17N, R11E, MD		Upper Boardman Canal	1 cfs year round
	27168	04-11-63	2310	PGandE	
A09.A4-5	Unnamed Trib. to Bear River	SW1/4 of SW1/4 S13, T16N, R10E, MD		---	Bypass from Jan. 1 - Dec. 31 \geq .0134 cfs or 50% spring flow whichever less
	26160	12-31-79	---	Leroy A. Waddle	
A09.A4-6	Bear River	NE1/4 of SE1/4 S22, T15N, R9E, MD		---	At all times allow 5 cfs of the n.f. to pass down the stream bed of Bear River below permittee's diversion
	02652	12-04-58	---	Nevada Irrigation District	
	L010350				

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A1000 - YUBA RIVER					
A10.A2-1	Dry Creek 23757	S21, T17N, R6E, MD 08-10-72	----	Merle Collins Reservoir Browns Valley I.D.	Sept. 1 - Jun. 30 3.3 cfs or amt. = reservoir inflow whichever is less Dry year 1.0 or amt. = reservoir inflow whichever is less
A10.A2-2	Dry Creek 11596 L04699	SE1/4 of NE1/4 S4, T17N, R6E, MD 10-28-46	----	Yuba Investment Comp, et al	At all times bypass \geq 2 cfs of the n.f., whenever flow is less than above, at the point of diversion
A10.A3-1	Yuba 15563	S14, T16N, R6E, MD 09-02-65	2246	Englebright Reservoir Yuba Co. W.A.	Jan. 16 - Oct. 15 releases from Englebright for New Narrows power house use shall not fluctuate more than 500 cfs per hour Oct. 16 - Oct. 31 600 - 1,050 cfs November 600 - 700 cfs December 600 - 1,400 cfs Jan. 1 - Jan. 15 1,000 - 1,850 cfs Release shall not vary $>$ 15% from scheduled uniform release Jan. 16 - Mar. 31 \geq 600 cfs, subject to the above 15% variance.
A10.B0-1	Deer Creek 1614	S2, T16N, R9E, MD 05-10-63	2266	Scotts Flat Reservoir Nevada I.D.	July - Sept. 3 cfs Oct. - June 10 cfs

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
A10.B0-2	Deer Creek	S20, T16N, R7E, MD		Deer Creek Diversion	5 cfs or n.f.
	23047	07-11-77	---	Western Lake Properties	
	L10779				
A10.C2-1	South Yuba	S11, T17N, R10E, MD		Poorman Creek Dam	2 cfs
	19841	06-22-64	---	San Juan Ridge County W.D.	
A10.C3-1	Canyon Creek	S13, T18N, R12E, MD		Faucherie Lake	2.5 cfs
	2372	05-10-63	2266	Nevada I.D.	
A10.C3-2	South Yuba	S8, T18N, R12E, MD		Bowman Lake	Apr. - Oct. 3 cfs Nov. - Mar. 2 cfs
	2372	05-10-63	2266	Nevada I.D.	
A10.C3-3	Jackson Creek	S31, T19N, R13E, MD		Jackson Lake	At least 2.5 cfs or n.f.
	2372	05-10-63	2266	Nevada I.D.	
A10.C4-1	North Creek	SE1/4 of NW1/4 S29, T18N, R14E, MD		---	Dec. 15 - June 30 \geq 3 cfs or n.f. whenever flow is less than above, at the point of diversion
	21079	12-11-62	---	Farmer, Roy & Roy A. II	
	L09865				

D-001661

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A10.D1-1	Middle Yuba	S27, T18N, R8E, MD		Grizzly Creek Diversion	1.5 cfs or n.f.
	19841	06-22-64	---	San Juan Ridge County W.D.	
A10.D1-2	Middle Yuba	S20, T18N, R9E, MD		Hour House Diversion Dam	Apr. 15 - June 15 50 cfs or n.f. June 16 - Apr. 14 30 cfs or n.f.
	15574	09-02-65	2246	Yuba Co. W.A.	
A10.D1-3	Oregon Creek	S11, T18N, R8E, MD		Log Cabin Diversion Dam	Apr. 15 - June 15 12 cfs or n.f. June 16 - Apr. 14 8 cfs or n.f.
	15574	09-02-65	2246	Yuba Co. W.A.	
A10.D1-4	Marion Creek	SW1/4 of NE1/4 S32, T19N, R9E, MD		---	At all times bypass \geq 1 cfs or the n.f. whenever flow is less than above at the point of diversion
	18011	02-21-58	---	Loma Linda University	
A10.D1-5	Marion Creek	NE1/4 of NE1/4, S32, T19N, R9E, MD		---	At all times \geq 1 cfs or n.f. whenever flow is less than above at point of diversion
	14274	11-09-54	---	Edward Kohler, Alice Hill	
	L06643				
A10.D2-1	Middle Yuba	S12, T19N, R12E, MD		Milton Diversion	3 cfs or n.f. whichever is less
	20072	05-10-63	2266	Nevada I.D.	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A10-D2-2	Middle Yuba	S19, T18N, R10E, MD		Bloody Run Creek	5 cfs or n.f.
	19841	06-22-64	---	San Juan Ridge County W.D.	2.5 cfs or n.f. if flows for the preceeding month are less than the long-term average precipitation at Nevada City for the same period.
A10-D2-3	Middle Yuba	S26, T19N, R12E, MD		East Fork Creek	Apr. 15 - May 31 5 cfs or n.f.
	19841	06-22-64	---	San Juan Ridge County W.D.	June 1 - Apr. 14 2 cfs or n.f.
A10-D3-2	Middle Yuba	S18, T19N, R13E, MD		Jackson Meadows Reservoir	5 cfs or n.f. whichever is less
	20072	05-10-63	2266	Nevada I.D.	
A10-E1-1	N.F. Yuba River	S25, T18N, R7E, MD		Colgate Dam (New Bullards Bar Reservoir)	5 cfs year round
	15574	09-02-65	2246	Yuba Co. W.A.	Flow shall be measured at a stream gaging station 500 feet downstream of the dam (A minimum pool shall be maintained in the reservoir at elevation 1730 feet).
A10-E2-1	Slate Creek	S1, T20N, R8E, MD		Slate Creek Reservoir	10 cfs or n.f.
	13956	03-27-52	---	Yuba Co. W.A.	
	L10940			Oroville-Wyandotte Irrigation District	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
A10.E3-1	Grants Ravine 18470 L09754	SE1/4 of SE1/4 S20, T19N, R9E, MD 01-12-59	----	Diablo Gold, a Partnership	At all times bypass \geq 2 cfs or n.f. whenever flow is less than above
A10.E3-2	South Fork Indian Creek 18470 L09754	S20, T19N, R9E, MD 01-12-59	----	Diablo Gold	At all times bypass \geq 3 cfs or n.f. whenever flow is less than above
A10.E4-1	North Yuba River 26408	SW1/4 of NE1/4 S11, T20N, R12E, MD 06-06-80	----	John L. and Patricia B. Winther	Comply with Fish and Game Code Section 5937

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement																				
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant																					
HYDROLOGIC UNIT - A1100 - FEATHER RIVER																									
A11.B3-1	South Fork Feather	S31, T22N, R9E, MD		Little Grass Valley Reservoir	<table border="1"> <thead> <tr> <th>Month</th> <th>Normal Yr.</th> <th>Dry Yr.</th> </tr> </thead> <tbody> <tr> <td>May - Oct.</td> <td>10 cfs</td> <td>5 cfs</td> </tr> <tr> <td>Nov. - Apr.</td> <td>5 cfs</td> <td>5 cfs</td> </tr> </tbody> </table>	Month	Normal Yr.	Dry Yr.	May - Oct.	10 cfs	5 cfs	Nov. - Apr.	5 cfs	5 cfs											
Month	Normal Yr.	Dry Yr.																							
May - Oct.	10 cfs	5 cfs																							
Nov. - Apr.	5 cfs	5 cfs																							
	14112	03-27-52	----	Oroville Wyandotte I.D. Yuba Co. Water District																					
	L10941																								
A11.C2-1	Gray Eagle Creek	SW1/4 of SW1/4 S6, T21N, R12E, MD		Long Lake	5 cfs all year																				
	8495	12-1941	----	Græagle Land & Water Co.																					
	L2340																								
A11.C3-1	Big Grizzly Creek	S1, T23N, R13E, MD		Lake Davis	<table border="1"> <thead> <tr> <th>Lake Storage on May 1</th> <th>5/1</th> <th>3/15</th> <th>6/16- 3/16- 4/30</th> </tr> </thead> <tbody> <tr> <td>83,000 AF</td> <td>18</td> <td>8</td> <td>18 cfs</td> </tr> <tr> <td>>75,500 <83,000</td> <td>16</td> <td>6</td> <td>16 cfs</td> </tr> <tr> <td>>65,500 <75,500</td> <td>15</td> <td>5</td> <td>15 cfs</td> </tr> <tr> <td><65,500</td> <td>14</td> <td>4</td> <td>14 cfs</td> </tr> </tbody> </table>	Lake Storage on May 1	5/1	3/15	6/16- 3/16- 4/30	83,000 AF	18	8	18 cfs	>75,500 <83,000	16	6	16 cfs	>65,500 <75,500	15	5	15 cfs	<65,500	14	4	14 cfs
Lake Storage on May 1	5/1	3/15	6/16- 3/16- 4/30																						
83,000 AF	18	8	18 cfs																						
>75,500 <83,000	16	6	16 cfs																						
>65,500 <75,500	15	5	15 cfs																						
<65,500	14	4	14 cfs																						
	21443	12-07-65	----	Calif. Dept. of Water Resources																					
A11.C4-1	Bear Valley Creek	SW1/4 of SW1/4 S29, T21N, R16E, MD		----	At all times bypass \geq 2 cfs or the n.f., whenever flow is less than above, at the points of diversion																				
	23444	04-03-72	----	Occidental Land Co.																					
A11.C4-2	Bonta Creek	NW1/4 of SE1/4 S24, T20N, R14E, MD		----	At all times bypass \geq 1 cfs or the n.f., whenever flow is less than above																				
	23924	11-18-71	----	San Francisco Bay Council, G.S.A.																					
	L10760																								

D-001665

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement												
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant													
	License Number																
A11.04-3	Smithneck Creek	SW1/4 of NW1/4 S29, T21N, R16E, MD		----	At all times bypass \geq 8 cfs into Smithneck Creek, or the n.f., whenever flow is less than above, at the point of diversion												
	23443	04-03-72	----	Occidental Land Inc.													
A11.05-1	Little Last Chance Creek	S33, T24N, R16E, MD		Frenchman Lake	Oct. 1 - Mar. 31 \geq 2 cfs If Frenchman storage < 16,000 AF on Oct. 1, flows between Oct. 1 - Mar. 31 shall be 2 cfs or n.f.												
	18844	07-06-59	2100	Dept. of Water Resources													
A11.D1-1	Bucks Creek	S33, T24N, R7E, MD		Bucks Lake	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Normal</u></td> <td></td> </tr> <tr> <td>May 1 - Oct. 31</td> <td style="text-align: center;">3 cfs</td> <td></td> </tr> <tr> <td>Nov. 1 - Apr. 30</td> <td style="text-align: center;">1 cfs</td> <td></td> </tr> <tr> <td colspan="3"><u>Dry Year:</u> 1 cfs year round</td> </tr> </table>		<u>Normal</u>		May 1 - Oct. 31	3 cfs		Nov. 1 - Apr. 30	1 cfs		<u>Dry Year:</u> 1 cfs year round		
	<u>Normal</u>																
May 1 - Oct. 31	3 cfs																
Nov. 1 - Apr. 30	1 cfs																
<u>Dry Year:</u> 1 cfs year round																	
	11192	12-01-68	619	PGandE													
	L03105																
A11.D1-2	Grizzly Creek	S34, T24N, R6E, MD		Grizzly Forebay	May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 2 cfs												
	11193	12-01-68	619	PGandE													
	L03106																
A11.D4-1	Hamilton Branch	S15, T28N, R8E, MD		Hamilton Branch	4 cfs 6 cfs (Sept. - Nov.)												
	----	09-18-68	2627	PGandE													
A11.D4-2	Hamilton Branch	S15, T28N, R8E, MD		Red Bridge Diversion	4 cfs or n.f. through fish ladder, such that 10 cfs or n.f. occurs 100 feet downstream from dam												
	----	09-18-68	----	PGandE													

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
A11.D5-2	Clear Creek	S11, T28N, R9E, MD		Clear Creek Diversion	3 cfs or n.f. through fish ladder, such that 5 cfs or n.f. occurs 150 feet downstream from dam
	----	09-18-68	2627	PGandE	
A11.D5-3	Spring Creek	S11, T28N, R9E, MD		Spring Creek Diversion	1 cfs or n.f.
	----	09-18-68	----	PGandE	
A11.D5-5	Robbers Creek	SW1/4 of SE1/4 S16, T30N, R8E, MD		----	Nov. 1 - May 1 \geq 2 cfs or n.f. where flow is less than above
	24098	10-01-80	----	Sierra Pacific Industries	
A11.D5-6	Robbers Creek	NE1/4 of NE1/4 S34, T30N, R8E, MD		----	Comply with Fish and Game Code Section 5937
	24099	06-23-72	----	Sierra Pacific Industries	
A11.E3-1	Hauns Creek	SE1/4 of SW1/4 S20, T27N, R9E, MD		----	At all times bypass \geq 0.25 cfs at the point of diversion
	19653	09-17-69	----	Huston A. Marrs	
	L09223				

D-001667

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A11.E4-1	Indian Creek	S14, 15, 22-26, T27N, R12E, MD		Antelope Lake	<p>(a) When the water surface elevation in the reservoir on May 1 is at the crest of the spillway or elevation 5,002 feet, the May-June releases will be 20 cubic feet per second, and the July-March releases will be 10 cubic feet per second.</p> <p>(b) When the water surface elevation in the reservoir on May 1 is 4 feet or less below the spillway crest, the May-June releases will be 15 cubic feet per second, the July-November releases will be 5 cubic feet per second, and the December-April releases will be 10 cubic feet per second.</p> <p>(c) When the water surface elevation in the reservoir on May 1 is more than 4 feet below the spillway crest, the May-June releases will be 10 cubic feet per second and the July-April releases will be 5 cubic feet per second.</p>
	20117	05-09-60	---	Dept. of Water Resources	
	L10975				
HYDROLOGIC UNIT - A1200 - BUTTE CREEK					
A12.B0-1	Little Butte Creek	SW1/4 of NW1/4 S36, T24N, T3E, MD		---	Dec. 1 - June 1 \geq 3 cfs or n.f. whenever flows less than above
	25967	09-08-80	---	PGandE	
A12.B0-2	Little Butte Creek	S18, T23N, R4E, MD		---	Bypass a minimum of 0.5 cfs while diverting to storage
	22061	06-17-70	---	Paradise Irrigation District	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A1300 - TEHAMA					
A13.B0-1	Thomas Creek	SW1/4 of SW1/4 S33, T25N, R3W, MD	---	---	Jan. 1 - June 1 \geq 5 cfs or n.f. whenever flow is less than above, at the point of diversion
	16188 L08156	12-27-54	---	Bernard Fishman Corning	
	16189 L08157			Samuel and Charlotte Wolf	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A1900 - SHASTA BALLY					
A19.B1-1	Clear Creek 15424 17376 17375 L-09957	S27, T32N, R6W, MD 03-31-60	---	Whiskeytown Reservoir U.S.B.R.	Oct. 1 - Oct. 15 \geq 10 cfs Oct. 16 - Oct. 31 \geq 30 cfs Nov. 1 - Dec. 31 \geq 100 cfs Jan. 1 - Feb. 28 or 29 \geq 50 cfs Mar. 1 - May 31 \geq 30 cfs June 1 - Sept. 30 \geq 0 cfs below Whiskeytown Dam into streambed of Clear Creek.
A19.B2-1	Boulder Creek 21676	SE1/4 of SE1/4 S12, T32N, R7W, MD 03-06-64	---	Whiskeytown National Recreation Area	Sept. 1 - Oct. 31 \geq 0.75 cfs June 1 - June 15 \geq 0.75 cfs Nov. 1 - May 31 \geq 2 cfs or the n.f. whenever flow is less than above, past the point of diversion

Identity Number	Stream Name	Location		Diverston Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
A19.C0-1	Sacramento River	S21, T32N, R5W, MD		Keswick Dam	Jan. 1 - Feb. 28 2600 cfs Mar. 1 - Aug. 31 2300 cfs Sept. 1 - Nov. 30 3900 cfs Dec. 1 - Dec. 31 2600 cfs
	10588	04-05-60	---	U.S.B.R.	Critical dry year, the minimum flows to be bypassed or released shall not be less than the following: Jan. 1 - Feb. 28 2000 cfs Mar. 1 - Aug. 31 2300 cfs Sept. 1 - Nov. 30 2800 cfs Dec. 1 - Dec. 31 2000 cfs
	L09956				with peaking at least once a day to at least the flows specified for normal years beginning about December 1 and extending to about May 1. In the event of extremely critical conditions during the period December 1 through February 28 the flow may be reduced below 2000 cfs by agreement between the parties. Critical calendar year: Forecasted full natural inflow to Shasta Lake for current water year (Oct. 1 of the preceeding calendar year through Sept. 30 of the current calendar year) is equal to or less than 3,200,000 AF or if the total accumulated actual deficiencies below 4,000,000 acre-feet in the immediately prior water year or series of successive prior water years, each of which had inflows of less than 4,000,000 acre-feet, together with the forecasted deficiency for the current water year exceeds 800,000 acre-feet.

D-001671

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversions Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A2000 - SHASTA DAM					
A20.B0-1	Dekkas Creek 19361 L09270	NE1/4 of NE1/4 S28, T35N, R3W, MD 04-18-60	----	California Kamloops, Inc.	At all times bypass \geq 250 gallons per minute or the n.f. whenever flow is less than above at the point of diversion
A20.B0-2	Dekkas Creek 23334 L10652	NE1/4 of NE1/4 S28, T35N, R3W, MD 08-20-69	----	California Kamloops, Inc.	At all times bypass \geq 250 gallons per minute or the n.f. of the stream, whenever flow is less than above
A20.B0-3	Pit River 15407 L09190	SE1/4 of NE1/4 S32, T35N, R1W, MD 07-09-53	----	PGandE	Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A2100 - UPPER SACRAMENTO					
A21.B1-1	McGinnis Spring 25064	SE1/4 of NE1/4 S8, T40N, R3W, MD 03-12-76	---	--- Mark Riener, Caren Riener	No more than 50% of the available flow or 7 GPM, whichever is less shall be diverted
A21.B2-1	Sacramento River 22503 L09726	S29, T40N, R4W, MD 08-16-66	---	Box Canyon Dam Siskiyou Co. FC&WCD	Jan. - Feb. 150 cfs Mar. - May 100 cfs June - July 75 cfs Aug. - Sept. 50 cfs Oct. 75 cfs Nov. - Dec. 100 cfs or natural flow Flow release shall never be less than 40 cfs irrespective of inflow.
A21.B2-2	N. F. Sacramento River 16219 L06531	NE1/4 of NW1/4 S21, T40N, R5W, MD 01-26-55	---	--- Dorrington Enterprises, Inc.	At all times bypass \geq 1 cfs or the n.f. whenever flow is less than above at the point of diversion
A21.B2-3	N. F. Sacramento River 11281 L05261	SE1/4 of SW1/4 S16, T40N, R5W, MD 01-09-75	---	--- Dorrington Enterprises, Inc.	Bypass \geq 1 cfs at all times or n.f. whenever flow is less than above, at the point of diversion

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement																																													
HYDROLOGIC UNIT - A2200 - MCLOUD RIVER																																																		
A22.A2-1	Panther Creek 25112	NE1/4 of NW1/4 S22, T40N, R3W, MD 07-26-76	----	Mark Riener, Caren Riener	Diversion permitted only when bypassed flows will maintain a visible surface flow downstream from point of diversion																																													
A22.A3-1	McCloud River 15717 L10216	S27, T38N, R2W, MD 12-01-60	2106	McCloud Diversion Dam PGandE	To maintain minimum flows, in cfs at Ah-Di-Na as follows: <table border="1"> <thead> <tr> <th>Month</th> <th>Normal Yr.</th> <th>Dry Yr.</th> </tr> </thead> <tbody> <tr><td>Jan.</td><td>160</td><td>160</td></tr> <tr><td>Feb.</td><td>160</td><td>160</td></tr> <tr><td>Mar.</td><td>170</td><td>170</td></tr> <tr><td>Apr.</td><td>170</td><td>170</td></tr> <tr><td>May 1-15</td><td>170</td><td>160</td></tr> <tr><td>May 16-31</td><td>200</td><td>160</td></tr> <tr><td>June</td><td>200</td><td>160</td></tr> <tr><td>July</td><td>200</td><td>160</td></tr> <tr><td>Aug.</td><td>200</td><td>160</td></tr> <tr><td>Sept.</td><td>210</td><td>180</td></tr> <tr><td>Oct.</td><td>210</td><td>180</td></tr> <tr><td>Nov.</td><td>210</td><td>180</td></tr> <tr><td>Dec. 1-15</td><td>210</td><td>180</td></tr> <tr><td>Dec. 16-31</td><td>170</td><td>170</td></tr> </tbody> </table> Dry Yr. <300,000 AF or less in McCloud Runoff to Shasta Lake	Month	Normal Yr.	Dry Yr.	Jan.	160	160	Feb.	160	160	Mar.	170	170	Apr.	170	170	May 1-15	170	160	May 16-31	200	160	June	200	160	July	200	160	Aug.	200	160	Sept.	210	180	Oct.	210	180	Nov.	210	180	Dec. 1-15	210	180	Dec. 16-31	170	170
Month	Normal Yr.	Dry Yr.																																																
Jan.	160	160																																																
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Mar.	170	170																																																
Apr.	170	170																																																
May 1-15	170	160																																																
May 16-31	200	160																																																
June	200	160																																																
July	200	160																																																
Aug.	200	160																																																
Sept.	210	180																																																
Oct.	210	180																																																
Nov.	210	180																																																
Dec. 1-15	210	180																																																
Dec. 16-31	170	170																																																
A22.A3-2	McCloud River 14785 L10215	NW1/4 of NE1/4 S27, T38N, R2W, MD 04-29-52	2106	PGandE	May 1 - Nov. 30 \geq 50 cfs Dec. 1 - Apr. 1 \geq 40 cfs past point of diversion																																													

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
A22.A4-1	McCloud River	NW1/4 of NE1/4 S18, T39N, R1W, MD		---	At all times bypass \geq 4 cfs or the n.f. whenever flow is less than above at the point of diversion
	16161	11-30-54	---	Champion Building Prod.	
	L05051				

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diverslon Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - A2300 - PITT RIVER					
A23.A2-1	Pit River 14743 L09189	S5, T35N, R1W, MD 04-07-52	2106	Pit No. 6 PGandE	Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion
A23.A3-1	Iron Canyon Creek 15719 L10161	S21, T37N, R1W, MD 120-1-60	2106	Iron Canyon Dam PGandE	3 cfs
A23.B1-1	Hat Creek ----	S12, T36N, R3E, MD 03-01-68	2261	Dam No. 1 PGandE	2 cfs Combined total of Dam #1 and Dam #2 not to exceed 10 cfs
A23.B1-2	Hat Creek ----	S29, T36N, R4E, MD 03-01-68	2661	Dam No. 2 PGandE	8 cfs 50 cfs - 1 hour prior to operation of spill siphons
A23.B2-1	Goose Creek 19145 L08943	SW1/4 of NW1/4 S9, T35N, R2E, MD 12-23-59	----	---- Simpco Lands	During collection period, bypass \geq 2 cfs or the n.f. whenever the flow is less than above at the point of diversion

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
A23.C1-1	Beaver Creek	NE1/4 of SE1/4 S6, T36N, R6E, MD	---	---	Nov. 1 - Mar. 1 - No diversion if in so doing the flow in Beaver Creek at Pittville Road Bridge is less than 5 cfs Mar. 1 - Apr. 1 - Divert only as needed but not in excess of the amount required to maintain flow of 2 cfs in Beaver Creek at Pittville Road Bridge.
	25000	02-23-76	---	John S. Mead, Agnes B. Mead	
A23.D1-1	Pit River	S2, T40N, R7E, MD	---	Allen Camp Reservoir	15 cfs if constructed
	14602	12-00-66	---	U.S.B.R.	
A23.D4-1	Pit River	NE1/4 of NW1/4 S16, T41N, R9E, MD	---	---	At all times bypass \geq 25 cfs or the n.f., whenever flow is less than above, at the point of diversion
	13095	05-16-49	---	Walter Mohr	
	L04236				
A23.E3-1	South Fork Pit River	SE1/4 of NE1/4 S9, T39N, R14E, MD	---	---	Nov. 1 - Apr. 15 \geq 5 cfs or the n.f. whenever flow is less than above at the point of diversion
	19309	03-14-60	---	South Fork Irrigation Dist.	
	L10603				
A23.E3-2	South Fork Pit River	SE1/4 of NE1/4 S9, T39N, R14E, MD	---	---	Nov. 1 - Apr. 15 \geq 5 cfs
	26714		---	South Fork Irrigation Dist.	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement																		
HYDROLOGIC BASIN - B0000 - SAN JOAQUIN																							
HYDROLOGIC UNIT - B0300 - NORTH VALLEY FLOOR																							
B03.B0-1	Mokelumne River 13156, 15201	S6, T4N, R9E, MD 01-25-63	2916	Camanche Reservoir East Bay M.U.D.	Commencing July 1 of each year, a total quantity of 13,000 AF in each fiscal year, except for critically dry years. Critically dry year = 5,400 AF Rates are to be specified by the state and may not exceed 150 cfs Total quantity of water to be released subsequent to the dates specified below and prior to the next July 1 shall not exceed: <table border="1"> <thead> <tr> <th>Date</th> <th>In a critically dry year</th> <th>In each other year</th> </tr> </thead> <tbody> <tr> <td>Dec. 31</td> <td>5,000 AF</td> <td>10,000 AF</td> </tr> <tr> <td>Jan. 29</td> <td>4,000 AF</td> <td>8,000 AF</td> </tr> <tr> <td>Feb. 28 or 29</td> <td>3,000 AF</td> <td>6,000 AF</td> </tr> <tr> <td>March 31</td> <td>2,000 AF</td> <td>4,000 AF</td> </tr> <tr> <td>April 30</td> <td>1,000 AF</td> <td>2,000 AF</td> </tr> </tbody> </table> Never > 150 cfs Diversion of water for municipal use 504 cfs That the water will be released by District from its Mokelumne River reservoir system into the Mokelumne River for downstream irrigation use and channel losses as follows:	Date	In a critically dry year	In each other year	Dec. 31	5,000 AF	10,000 AF	Jan. 29	4,000 AF	8,000 AF	Feb. 28 or 29	3,000 AF	6,000 AF	March 31	2,000 AF	4,000 AF	April 30	1,000 AF	2,000 AF
Date	In a critically dry year	In each other year																					
Dec. 31	5,000 AF	10,000 AF																					
Jan. 29	4,000 AF	8,000 AF																					
Feb. 28 or 29	3,000 AF	6,000 AF																					
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April 30	1,000 AF	2,000 AF																					

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
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B03.B0-1 (Continued)

Riparian and appropriative users:

January - 0 cfs
 February - 3 cfs
 March - 7 cfs
 April - 25 cfs
 May - 39 cfs
 June - 46 cfs
 July - 43 cfs
 August - 38 cfs
 September - 29 cfs
 October - 15 cfs
 November - 2 cfs
 December - 0 cfs

Downstream channel losses:

January - 26 cfs
 February - 28 cfs
 March - 31 cfs
 April - 35 cfs
 May - 43 cfs
 June - 44 cfs
 July - 40 cfs
 August - 38 cfs
 September - 34 cfs

If District does not receive a request from State on or before the 24th day of any calendar month, District shall release water from the proposed Camanche Dam during the ensuing calendar month for downstream fisheries utilization at a uniform rate in accordance with the following schedule:

Identity Number	Stream Name	Location	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number				

B03.B0-1 (Continued)

Month	In a critically dry year	In each other year
	Jan.	0 cfs
Feb.	20 cfs	30 cfs
March	20 cfs	30 cfs
April	0 cfs	0 cfs
May	0 cfs	0 cfs
June	0 cfs	0 cfs
July	0 cfs	0 cfs
Aug.	0 cfs	0 cfs
Sept.	0 cfs	0 cfs
Oct.	0 cfs	0 cfs
Nov.	25 cfs	50 cfs
Dec.	25 cfs	66 cfs

Not to exceed 5,400 AF Not to exceed
13,000 AF

Critically dry year = When natural run-off for the nine month period preceding July 1 of the Mokelumne River and its tributaries above Camanche Dam is less than 370,000 acre-feet.

D-001680

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement												
HYDROLOGIC UNIT - B0400 - MIDDLE SIERRA																	
B04.A1-1	Cosumnes River 23416	S35, T8N, R8E, MD 10-02-70	----	Rancho Murietta Bank of America	Natural flow when flow < 70 cfs 6 cfs when flow is between 70 and 175 cfs (but diversion shall not reduce flow below 70 cfs) Only those flows >175 cfs will be diverted at all other times, except in dry years; as follows: <table border="1"> <thead> <tr> <th>Schedule</th> <th>Month</th> <th>Max. cfs</th> </tr> </thead> <tbody> <tr> <td>Flows < 400 AF</td> <td>Feb. 1</td> <td>46 cfs</td> </tr> <tr> <td>Flows < 2,000 AF</td> <td>Mar. 1</td> <td>46 cfs</td> </tr> <tr> <td>Flows < 4,400 AF</td> <td>Apr. 1- May 31</td> <td>46 cfs</td> </tr> </tbody> </table>	Schedule	Month	Max. cfs	Flows < 400 AF	Feb. 1	46 cfs	Flows < 2,000 AF	Mar. 1	46 cfs	Flows < 4,400 AF	Apr. 1- May 31	46 cfs
Schedule	Month	Max. cfs															
Flows < 400 AF	Feb. 1	46 cfs															
Flows < 2,000 AF	Mar. 1	46 cfs															
Flows < 4,400 AF	Apr. 1- May 31	46 cfs															
B04.A1-2	Cosumnes River 24085 L11117	S35, T8N, R8E, MD 03-28-73	----	Harry & Marjorie Carlson Phillip & Ruth Maughn	At all times <u>></u> 70 cfs or n.f. whenever flow is less than above												
B04.A2-1	Deer Creek 20350	S11, T8N, R8E, MD 01-01-69	----	County Line Dam El Dorado I. D.	8 cfs or n.f.												
B04.A3-1	Camp Creek 13708	S17, T10N, R13E, MD 08-03-76	----	Sly Park Dam U.S.B.R.	1 cfs or n.f. all year or/and 5 cfs May - Oct. if Sept. 30 storage exceeds 23,800 AF												

D-001681

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
B04.A3-2	N. F. Cosumnes River	NE1/4 of NW1/4 S11, T9N, R12E, MD		---	At all times bypass \geq 5 cfs or the n.f. whenever flow is less than above
	18028	03-06-58	---	Angelo K. Chiccos, et al	
	L10219				
B04.A3-3	Clear Creek	SE1/4 of NW1/4 S26, T9N, R13E, MD		Leonl Meadow Dam	Jan. 1 - May 31: Bypass min 1.5 cfs or n.f. June - Dec: If precipitation for 12 month period before June 1 is \geq average, then release n.f. If precipitation for 12 month period before June 1 < average, then release 0.4 cfs until reservoir is lowered 3 ft. below spillway elev.; thereafter release n.f. if \geq 0.4 cfs.
	24729	12-20-74	---	Northern Calif. Conference Assoc. of the Seventh Day Adventists	
B04.A3-4	Camp Creek	NE1/4 of NW1/4 S15, T10N, R13E, MD		---	2 cfs or n.f. at all times at Camp Creek diversion
	13707	04-27-50	---	USBR	
B04.A4-1	Perry Creek	SE1/4 of SW1/4 S35, T9N, R12E, MD		---	Comply with Fish and Game Code Section 5937
	26012	06-04-79	---	Steve Ginsburg & Laurie Brown	
B04.B0-1	Pioneer Creek	NW1/4 of SW1/4 S24, T7N, R12E, MD		---	Nov. 1 - Apr. 1 \geq 5 cfs or n.f. where flow is less than above
	25530	01-30-79	---	Kulken, Daniel Allen	

D-001682

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant		
B04.C0-1	North Fork Mokelumne	S32, T6N, R12E, MD		Electra Diversion Dam		After License Renewal Years of Normal Runoff May 1 - Oct. 31 15 cfs Nov. 1 - Apr. 30 10 cfs Years of Subnormal Runoff May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 30 10 cfs
	6737	06-01-78	137	PGandE		
	L3294					
B04.C0-2	Tiger Creek	S23, T7N, R13E, MD		Tiger Creek Afterbay		After License Renewal Years of Normal Runoff May 1 - Oct. 31 22 max 18 min. cfs Nov. 1 - Apr. 31 10 cfs Years of Subnormal Runoff May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 30 10 cfs
	6737	06-01-78	137	PGandE		
	L3294					
B04.C0-3	Tiger Creek	S8, T7N, R14E, MD		Regulation Dam		After License Renewal Years of Normal Runoff May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 31 5 cfs Years of Subnormal Runoff May 1 - Oct. 31 5 cfs Nov. 1 - Apr. 31 5 cfs
	6737	06-01-78	137	PGandE		
	L3294					
B04.C0-4	East Panther Creek	S1, T7N, R14E, MD		---		After License Renewal Years of Normal Runoff May 1 - Oct. 31 3 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 1.5 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f.
	6737	06-01-78	137	PGandE		
	L3294					

Identity Number	Stream Name	Location		Diverston Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
B04.C0-5	West Panther Creek	S2, T7N, R14E, MD		---		After License Renewal
	6737	06-01-78	137	PGandE		Years of Normal Runoff May 1 - Oct. 31 1.5 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f.
	L3294					Years of Subnormal Runoff May 1 - Oct. 31 1.5 cfs or n.f. Nov. 1 - Apr. 31 1.5 cfs or n.f.
B04.C0-6	Beaver Creek	S3, T7N, R15E, MD		---		After License Renewal
	6737	06-01-78	137	PGandE		Years of Normal Runoff May 1 - Oct. 31 1/2 cfs or n.f. Nov. 1 - Apr. 30 1/2 cfs or n.f.
	L3294					Years of Subnormal Runoff May 1 - Oct. 31 1/2 cfs or n.f. Nov. 1 - Apr. 30 1/2 cfs or n.f.
B04.C0-7	North Fork Mokelumne	S7, T7N, R16E, MD		---		After License Renewal
	6737	06-01-78	137	PGandE		Years of Normal Runoff May 1 - Oct. 31 40 cfs Nov. 1 - Apr. 30 20 cfs
	L3294					Years of Subnormal Runoff May 1 - Oct. 31 20 cfs Nov. 1 - Apr. 30 20 cfs
B04.C0-8	Bear River	S2, T7N, R15E, MD		---		After License Renewal
	6737	06-01-78	137	PGandE		Years of Normal Runoff May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 4 cfs
	L3294					Years of Subnormal Runoff May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 4 cfs

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B04.C0-9	Bear River 6737 L3294	S19, T8N, R16E, MD 06-01-78	137	Bear River Reservoir Dam PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 4 cfs Nov. 1 - Apr. 30 2 cfs Years of Subnormal Runoff May 1 - Oct. 31 2 cfs Nov. 1 - Apr. 30 2 cfs
B04.C0-10	Cole Creek 6737 L3294	S28, T8N, R16E, MD 06-01-78	137	--- PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f.
B04.C0-11	Cole Creek 6737 L3294	S5, T7N, R16E, MD 06-01-78	137	--- PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 3 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f.
B04.C0-12	North Fork Mokelumne 6737 L3294	S33, T8N, R16E, MD 06-01-78	137	Salt Springs Dam PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 30 cfs Nov. 1 - Apr. 30 20 cfs Years of Subnormal Runoff May 1 - Oct. 31 20 cfs Nov. 1 - Apr. 30 20 cfs

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
B04.CO-13	Meadow Creek	S25, T9N, R18E, MD		Twin Lakes Dam	After License Renewal Years of Normal Runoff May 1 - Oct. 31 1 cfs Nov. 1 - Apr. 30 1 cfs Years of Subnormal Runoff May 1 - Oct. 31 1 cfs or n.f. Nov. 1 - Apr. 30 1 cfs or n.f.
	6737	06-01-78	137	PGandE	
	L3294				
B04.CO-14	Meadow Creek	S27, T9N, R18E, MD		Meadow Lake Dam	After License Renewal Years of Normal Runoff May 1 - Oct. 31 5 cfs Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 5 cfs Nov. 1 - Apr. 30 2 cfs or n.f.
	6737	06-01-78	137	PGandE	
	L3294				
B04.CO-15	South Fork Mokelumne	S23, T6N, R13E, MD		---	5 cfs or n.f., whichever is less 3 cfs or n.f. for dry yrs. (Dry year - year in which DWR forecast indicates 50% of normal runoff or less)
	5648F	11-23-71	---	Calaveras Public U.D.	
B04.CO-16	Blue Creek	S18, T9N, R19E, MD		Upper Blue Lake Dam	After License Renewal Years of Normal Runoff May 1 - Oct. 31 2 cfs Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f.
	6737	06-01-78	137	PGandE	
	L3294				

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B04.C0-17	Blue Creek 6737 L3294	S30, T9N, R19E, MD 06-01-78	137	Lower Blue Lake Dam PGandE	After License Renewal Years of Normal Runoff May 1 - Oct. 31 15 cfs Nov. 1 - Apr. 30 2 cfs or n.f. Years of Subnormal Runoff May 1 - Oct. 31 7.5 cfs Nov. 1 - Apr. 30 2 cfs or n.f.
B04.C0-18	Moore Creek 15777 L05891	SE1/4 of NW1/4 S7, T7N, R16E, MD NE1/4 of SW1/4 S7, T7N, R16E, MD 03-17-54		--- Mayberry, Lin C.	At all times bypass \geq 3 cfs or the n.f. whenever flow is less than above, at the points of diversion on Moore Creek.

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - B0500 - UPPER CALAVERAS					
B05.B0-1	Jesus Maria Creek	S23, T5N, R13E, MD		Jesus Maria Dam	0.25 cfs or n.f.
	11792	04-17-63	---	Calaveras Co. W.D.	
B05.C0-1	O'Neil Creek	S28, T5N, R14E, MD		O'Neil Dam	0.25 cfs or n.f.
	11792	04-17-63	---	Calaveras Co. W.D.	
B05.C0-2	San Antonio Creek	S9, T4N, R14E, MD		Scotts Dam	1 cfs or n.f.
	11792A	04-17-63	---	Calaveras Co. W.D.	
B06.C0-3	O'Neil Creek	NW1/4 of NW1/4 S33, T5N, R14E, MD		---	Bypass \geq 10 statutory miners inches or n.f. whenever flow is less than above, at the point of diversion
	11788	05-12-58	---	Charles J. Robertson	
	L05104				
B05.C0-4	Cherokee Creek	NW1/4 of SW1/4 S25, T3N, R12E, MD		---	Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion
	18895	08-03-59	---	William A. Spence	
	L9102				

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - B0700 - MIDDLE WEST SIDE					
B07.D2-1	Los Banos Creek 21009	S12, T11S, R9E, MD 06-14-67	---	Los Banos Reservoir USBR	4000 AF Mar. 15 - May 31 annually (max. delivery not to exceed 40 cfs) In the event of a dry year, deliver only such water as is available

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - B0800 - SAN JOAQUIN VALLEY FLOOR					
B08.J0-1	Merced River	S4, T5S, R15E, MD		Merced Falls	3 cfs through fish ladder
	6470	---	2467	PGandE	
	L01911				

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - B0900 - STANISLAUS RIVER					
B09.B1-1	Angel's Creek	S9, T2N, R13E, MD		Angel's Powerhouse	10 cfs
	5648	03-01-79	2409	Calaveras Co. W.D.	
B09.B1-2	S. Ditch	S8, T3N, R14E, MD		Murphy's Powerhouse	10 cfs
	5648	03-01-79	2409	Calaveras Co. W.D.	

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
B09.B2-1	Stanislaus River	S10, T1N, R13E, MD		New Melones Reservoir		Normal years: 98,000 AF Dry years: 69,000 AF to be released below Goodwin Dam in accordance with the following schedule:
	19304	07-27-64	708	USBR		
	D1422					

Period	Releases	
	Normal Year	Dry Year
Jan.-May	125 cfs	100 cfs
June-Sept.	150 cfs	50 cfs
Oct.-Dec.	200 cfs	150 cfs

Plus releases for water quality purposes shall be scheduled so as to maintain a mean monthly total dissolved solids concentration in the San Joaquin River at Vernalis of 500 parts per million or less and a dissolved oxygen concentration in the Stanislaus River as specified in the Water Quality Control Plan (Interim), San Joaquin River Basin 5C, State Water Resources Control Board, June 1971.

A dry is defined as one in which natural inflow into Shasta, Trinity, Folsom, and Millerton Reservoirs, as predicted for the water year, totals less than 5 million acre-feet, or one in which the combined water storage in Shasta, Trinity, Folsom, Auburn, and New Melones, as predicted for the water year, is less than 5 million acre-feet.

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B09.C0-10	Unnamed Trib. to Deer Creek 24335 L11194	NW1/4 of NW1/4 S27, T3N, R16E, MD 04-05-82	----	----- Ross A. Carkeet, Jr.	Jan. 1 - Dec. 31 \geq 3.7 gal per min
B09.D0-1	N.F. Stanislaus River 19149	S2, T4N, R15E, MD 10-22-64	2019	Squaw Hollow Dam Calaveras Co. W.D.	After construction 16.5 cfs or n.f.
B09.D0-2	N.F. Stanislaus River 19149	S18, T5N, R16E, MD 10-22-64	2019	Big Trees Dam Calaveras Co. W.D.	After construction 60 cfs or n.f.
B09.D0-3	N.F. Stanislaus River 19149	S4, T6N, R17E, MD 10-22-64	2019	Ganns Dam Calaveras Co. W.D.	After construction 40 cfs or n.f.
B09.D0-4	N.F. Stanislaus River -----	S20, T4N, R15E, MD 07-27-64	-----	North Fork Diversion Tuolumne Co. W.D. No. 2	After construction 16.5 cfs or n.f.
B09.D0-5	Beaver Creek 19149	S17, T5N, R16E, MD 10-22-64	2019	Upper Beaver Dam Calaveras Co. W.D.	After construction 16.5 cfs or n.f.
B09.D0-6	Highland Creek -----	S9, T6N, R18E, MD 07-27-64	2019	Spicer Meadows Reservoir Tuolumne Co. W.D. No. 2	16.5 cfs or n.f., never <2 cfs

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant		
B09.D0-7	Beaver Creek	S36, T5N, R15E, MD		Lower Beaver Dam		After construction 16.5 cfs or n.f.
	19149	10-22-64	2019	Calaveras Co. W-D.		
B09.E1-1	M.F. Stanislaus	S24, T4N, R16E, MD		Sand Bar Flat Dam		May - Oct. 15 cfs but no >50 cfs Nov. - Apr. 10 cfs but no >25 cfs Dry year - 10 cfs or n.f.
	10122	07-27-64	2130	PGandE		
	L02862					
B09.E1-2	M.F. Stanislaus	S15, T4N, R17E, MD		Beardsley Afterbay Dam		May 1 - Oct. 31 50 cfs Nov. 1 - Apr. 30 25 cfs Dry year - 25 cfs or n.f. Dry year defined as 500,000 AF or less of runoff at Goodwin Dam
	---	07-27-64	3005	Oakdale-So. San Joaquin I.D.		
B09.E1-3	M.F. Stanislaus	S11, T5N, R20E, MD		Kennedy Meadows Dam		After construction Normal Year May 1 - Oct. 31 50 cfs Nov. 1 - Apr. 30 25 cfs Dry Year 25 cfs or n.f.
	---	07-27-64	---	Calaveras CWD		
B09.E1-4	M.F. Stanislaus River	S35, T6N, R18E, MD		Donnell Reservoir		May 1 - Oct. 31 10 cfs Nov. 1 - Apr. 30 5 cfs Dry Year 5 cfs
	012490	---	2005	Oakdale-So. San Joaquin I.D.		
	L010166					
B09.E1-5	M.F. Stanislaus River	S31, T5N, R18E, MD		Hells Half Acre		May 1 - Oct. 31 32 cfs Nov. 1 - Apr. 30 16 cfs Dry Year 16 cfs Dry Year = Runoff at Goodwin Dam < 500,000 ac. ft.
	12490	---	2005	Oakdale-So. San Joaquin I.D.		
	L10166					

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
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HYDROLOGIC UNIT - B1000 - TUOLUMNE RIVER

Identity Number	Stream Name	Location	FERC Project Number	Diversion Name	Schedule B				
					Normal Year	Dry Year			
					Period	cfs	Ac-ft	cfs	Ac-ft
B10-B1-1	Tuolumne River	S3, T3S, R14E, MD		New Don Pedro	Pre-season				
	14127	03-10-64	2299	Turlock and Modesto I.D.	flushing flow	2,500	4,960	--	--
	L11058				Oct. 1-15	200	5,950	50	1,490
					Oct. 16-31	250	7,930	200	6,350
					November	385	22,900	200	11,900
					Dec. 1-15	385	11,450	200	5,950
					Dec. 16-31	280	8,880	135	4,280
					January	280	17,210	135	8,300
					February	280	15,550	135	7,500
					March	350	21,520	200	12,300
					April	100	5,950	85	5,060
					May-Sept.	3	910	3	910
					Total Ac-ft		123,210		64,040
B10-C0-1	North Fork Tuolumne	S22, T3N, R17E, MD		-----	Normal Year				
	19423	10-02-64	----	Tuolumne Co. W.D. No. 2	Apr. 16 - Oct. 15	40	cfs		
					Oct. 16 - Apr. 15	20	cfs		
					Dry Year				
					Apr. 16 - Oct. 15	20	cfs		
					Oct. 16 - Apr. 15	20	cfs		
					Dry year = from April - July				
					<901,000 AF to Don Pedro Reservoir				

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
B10-C0-2	N.F. Tuolumne confluence with Sheening Creek 19423	S21, T3N, R17E, MD 10-02-64	----	----- Tuolumne Co. W.D. No. 2	Normal Year May 1 - July 15 30 cfs July 16 - Oct. 31 20 cfs Nov. 1 - Apr. 30 10 cfs Dry Year May 1 - July 15 20 cfs July 16 - Oct. 31 15 cfs Nov. 1 - Apr. 30 10 cfs Dry year = from April - July <901,000 AF to Don Pedro Reservoir
B10-C0-3	Bell Creek 19423	S30, T4N, R19E, MD 10-02-64	----	Bell Meadows Reservoir Tuolumne Co. W.D. No. 2	Normal Year May 1 - Oct. 31 7 cfs Nov. 1 - Apr. 30 2 cfs Dry Year May 1 - Oct. 31 2 cfs Nov. 1 - Apr. 30 2 cfs Dry year = from April - July <901,000 AF to Don Pedro Reservoir
B10-C0-4	Lily Creek 19423	S10, T3N, R18E, MD 10-02-64	----	Pine Valley Reservoir Tuolumne Co. W.D. No. 2	3 cfs all year
B10-C0-5	Little Sugar Pine Creek 16104 L09181	SW1/4 of NE1/4 S2, T2N, R16E, MD 10-21-54	----	----- MI-Wuk Village Mutual Water Co.	Apr. 1 - June 30 > .11 cfs or n.f. whenever flow is less than above at the point of diversion

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Identity Number	Stream Name	Location	170		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number		Agreement Date	FERC Project Number		
B10.C0-6	Sugar Pine Creek	SW1/4 of SE1/4 S30, T3N, R17E, MD	---	---	---	Apr. 1 - June 30 > 0.2 cfs or the n.f. whenever the flow is less than above at the point of diversion
	16170	12-07-54	---	---	Oddfellows Sierra Recreation Ass.	
	L06249					
B10.C0-7	Sugar Pine Creek	NW1/4 of SW1/4 S30, T3N, R17E, MD	---	---	---	Apr. 1 - June 30, no water shall be diverted unless the flow in Sugar Pine Creek immediately below the point of diversion for application 16170 exceeds 0.20 cfs
	16173	12-07-54	---	---	Tuolumne County Water Dist. No. 2	
	L10898					
B10.C0-8	North Fork Tuolumne River	SW1/4 of SW1/4 S28, T3N, R17E, MD	---	---	---	Temporary detention in storage is desired to maintain minimum flows as follows: Below Browns Meadow: <u>Normal Year</u> Apr. 15 - Oct. 15 > 40 cfs Oct. 16 - Apr. 15 > 20 cfs <u>Dry Year</u> > 20 cfs all year
	12493	08-23-65	---	---	Tuolumne County Water Dist. No. 2	
B10.C0-9	Hull Creek	NW1/4 of NE1/4 S2, T2N, R17E, MD	---	---	---	4 cfs or n.f. at diversion in Hull Meadow
	18652	02-27-70	---	---	J. R. Mills Wm. H. Lubker	
	L09160					
B10.D1-1	Cherry Creek	S5, T1N, R19E, MD	---	---	Cherry Valley Reservoir	July 1 - Sept. 30 15 cfs Oct. 1 - June 30 5 cfs
	Raker Act	---	---	---	City of San Francisco	Dry year not less than 5 cfs

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
B10-D1-2	Eleanor Creek Raker Act	S3, T1N, R19E, MD ----	----	Lake Eleanor City of San Francisco	Release from Reservoir Normal Year July 1 - Sept. 30 15 cfs Oct. 1 - June 30 5 cfs Dry year not less than 5 cfs
B10-E0-1	Tuolumne River Raker Act	S16, T1N, R20E, MD ----	----	Hetch-Hetchy City of San Francisco	Interim Schedule: May 1 - Sept. 15 75 cfs Sept. 16 - Apr. 30 35 cfs Dry Year: Not less than 35 cfs all year Proposed Schedule: (1976) Jan. 1 - Apr. 30 75 cfs May 1 - June 30 200 cfs July 1 - Sept. 30 150 cfs Oct. 1 - Dec. 31 75 cfs

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
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HYDROLOGIC UNIT - B1100 - MERCED RIVER

B11.A0-1	Merced River	S13, T4S, R15E, MD		New Exchequer Dam
	16187	05-28-63	2179	Merced I.D

Time	Normal Year	Dry Year
June 1-Oct. 15	25 cfs	15 cfs
Oct. 16-Oct. 31	75 cfs	60 cfs
Nov. 1 - Dec. 31	100 cfs	75 cfs
Jan. 1 - May 31	75 cfs	60 cfs

Dry Year = DWR April - July runoff on May 1 forecast into Exchequer is less than 450,000 AF

Davis-Grunsky Agreement (1968) with MID and Fish and Game requires flow release of 180-220 cfs during Nov. 1 to Apr. 1 period annually, plus spring flushing flows.

Flows to be measured at Shaffer Bridge, 5 miles upstream from Cressey.

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - B1300 - AHWAHNEE					
B13.A1-1	Chowchilla River 18714	S22, T8S, R18E, MD ---	---	Buchanan Dam USBR	Maximum rate of diversion to offstream storage not to exceed 25 cfs (4-2-70) <u>Note:</u> Permittee - Mariposa Co. Fish and Game Protective Association Inc. May 20, 1971 SWRCB Permittee's right to divert under this permit is restricted to times when the flow of the Chowchilla River at the USGS gauging station "Buchanan Dam site near Raymond" or some other gauging station suitable to the board exceed 1500 cfs for three consecutive days, permittee may divert on succeeding days if the flows are in excess of 1000 cfs
B13.A1-2	Trib. to DeLong Creek 17526 L10438	SW1/4 of SE1/4 S29, T5S, R20E, MD SE1/4 of SE1/4 S29, T5S, R20E, MD 03-25-57	---	--- Harvey L. Crose	At all times bypass \geq 0.75 cfs or the n.f., whenever flow is less than above, into the natural streambed of Oliver Creek below the point of diversion
B13.B0-1	Fresno River 18733	S34, T9S, R19E, MD ---	---	Hidden Dam USBR	Minimum pool requirement of 5,000 a.f.

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Identity Number	Stream Name	Location	174		Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number			
HYDROLOGIC UNIT - B1400 - SAN JOAQUIN RIVER						
B14.A1-1	San Joaquin River	S24, T9S, R22E, MD			Kerckhoff Reservoir	Normal year: 25 cfs Dry year: 15 cfs Dry year = When the forecast for the unimpaired runoff by the Calif. Dept. of Water Resources at Millerton Lake will be 45% or less of the average for the April - July period.
	25512	01-05-80	96		PGandE	
B14.A1-2	San Joaquin River	S20, T9S, R23E, MD			Big Creek PH4	20 cfs, never >50 cfs All year or as decided by the FPC
	10338 L06001	06-20-49	2017		S.C.E.	
B14.A1-3	Bald Mill Creek	NE1/4 of NE1/4 S3, T10S, R23E, MD			----	Make a minimum of 1/2 GPM available from spring for wildlife needs
	25279	03-04-77	----		Jaunniece B. Daniels Chad D. Daniels	
B14.C0-1	Stevenson Creek	S13, T9S, R24E, MD			Shaver Lake	Apr. 1 - Nov. 15 3 cfs Nov. 16 - Mar. 31 2 cfs or n.f.
	1346 L01622	03-22-71	67		S.C.E.	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
B14.C0-2	San Joaquin River	S15, T9S, R23E, MD		(Redinger Lake) Dam No. 7	3 cfs all year
	10338	06-20-49	2017	S.C.E.	
	L06001				
B14.D0-1	S.F. San Joaquin	S19, 30, 31, T7S, R28E, MD		Hooper Creek, No. Slide Creek So. Slide Creek, Tombstone Creek S.C.E.	Normal Year May 1 - Sept. 30 27 cfs or n.f. Oct. 1 - Oct. 31 17 cfs or n.f. Nov. 1 - Apr. 30 15 cfs or n.f. Dry Year May 1 - Sept. 30 20 cfs or n.f. Oct. 1 - Oct. 31 13 cfs or n.f. Nov. 1 - Apr. 30 11 cfs or n.f. Includes: Hooper Creek - up to 4 cfs North Slide Creek - 0.2 cfs South Slide Creek - 0.2 cfs and N.F. of Tombstone Creek. Natural flow at all times
	11115	03-22-71	67		
	L05730				Normal Year = Apr. 1 USBR forecast for San Joaquin River at Friant exceeds 900,000 AF Dry Year = Apr. 1 USBR forecast for San Joaquin River at Friant is 900,000 AF or less

Identity Number	Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number				
B14.D0-2	Mono Creek	S3, T7S, R27E, MD		Mono Creek Diversion Dam	Normal Year
	1341	03-22-71	67	S.C.E.	May 1 - Sept. 30 13 cfs or n.f. Oct. 1 - Oct. 31 9 cfs or n.f. Nov. 1 - Apr. 30 7.5 cfs or n.f.
	L01617				Dry Year May 1 - Sept. 30 9 cfs or n.f. Oct. 1 - Oct. 31 6 cfs Nov. 1 - Apr. 30 5 cfs or n.f. Normal Year = Apr. 1 forecast for San Joaquin River at Friant exceeds 900,000 AF Dry Year = Apr. 1 forecast for San Joaquin River at Friant is 900,000 AF or less
B14.D0-3	Bear Creek	S12, T7S, R27E, MD		Bear Diversion Dam	Normal Year
	1342	03-22-71	67	S.C.E.	May 1 - Sept. 30 3 cfs or n.f. Oct. 1 - Oct. 31 2 cfs or n.f. Nov. 1 - Apr. 30 2 cfs or n.f.
	L01618				Dry Year May 1 - Sept. 30 2 cfs or n.f. Oct. 1 - Oct. 31 1 cfs or n.f. Nov. 1 - Apr. 30 1 cfs or n.f. Normal Year = Apr. 1 USBR forecast for San Joaquin River at Friant Dam exceeds 900,000 AF Dry Year = Apr. 1 USBR forecast for San Joaquin River at Friant Dam is 900,000 AF or less
B14.D0-4	Camp 61 Creek	S19, T7S, R27E, MD		---	May 1 - Sept. 30 1 cfs or n.f.
	26534	03-22-71	67	S.C.E.	Oct. 1 - Oct. 31 0.5 cfs or n.f. Nov. 1 - Apr. 30 0.5 cfs or n.f.

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
B14.D0-5	Warm Creek	S10, T6S, R27E, MD		Diversion Dam	0.2 cfs at all times, plus flushing releases through 6-inch pipe on or about May 1 each year
	16102	10-18-54	2086	S.C.E.	
	L05732				
B14.D0-6	Mono Creek	S35, T6S, R27E, MD		Vermillion Valley Dam	10 cfs or n.f., whichever is less, at all times between dam and Mono Creek Diversion Dam
	13928	07-30-59	2086	S.C.E.	
	L06002				
B14.D0-7	Bolsillo Creek	S20, T7S, R27E, MD		---	May 1 - Sept. 30 0.4 cfs or n.f. Oct. 1 - Oct. 31 0.4 cfs or n.f. Nov. 1 - Apr. 30 0.4 cfs or n.f.
	11115	03-22-71	67	S.C.E.	
	L05730				

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number					
B14.D0-8	Ross Ck., Rock Ck., San Joaquin River	S14, T7S, R24E, MD	11-01-57	2085	Mammoth Pool Dam S.C.E.	Normal Year Apr. 16 - Oct. 31 25 cfs Nov. 1 - Apr. 15 10 cfs
	L08739					Dry Year Apr. 16 - Oct. 31 12.5 cfs Nov. 1 - Apr. 15 10 cfs
						Normal Year: Whenever Apr. 1 forecast of DWR for Apr.-July natural runoff of San Joaquin River at Friant Dam > 900,000 AF
						Dry Year: Whenever Apr. 1 forecast of DWR for Apr.-July natural runoff of San Joaquin River at Friant Dam < 9000,000 AF
						SCE never required to release >50 cfs by terms of this agreement
B14.D0-9	Camp 62 Creek	S28, T7S, R27E, MD	03-22-71	67	---- S.C.E.	May 1 - Sept. 30 0.3 cfs or n.f.
	26534					Oct. 1 - Oct. 31 0.3 cfs or n.f. Nov. 1 - Apr. 30 0.3 cfs or n.f.
B14.E1-1	Potter Creek	S5, T8S, R26E, MD	12-01-68	----	Huntington Pines Mutual Water Co., Inc.	.018 cfs or n.f. whenever less than
	16103					.018 cfs at point of diversion above Hwy 168
	L09183					

Identity Number	Stream Name	Location		Diverston Name		Minimum Instream Flows Under Agreement	
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant			
B14.E1-2	Pitman Creek	S35, T8S, R25E, MD		---		Apr. 1 - Nov. 15	0.3 cfs or n.f.
	1345	03-22-71	67	S.C.E.		Nov. 16 - Mar. 31	0.3 cfs or n.f.
	L7621						
B14.E1-3	Big Creek	S25, T8S, R24E, MD		Dam No. 5		Normal Year	
	26542	03-22-71	67	S.C.E.		Apr. 1 - Nov. 15	3 cfs or n.f.
						Nov. 16 - Mar. 31	2 cfs or n.f.
						Dry Year	
						Apr. 1 - Nov. 15	2 cfs or n.f.
						Nov. 16 - Mar. 31	1 cfs or n.f.
B14.E1-4	San Joaquin River	S27, T8S, R24E, MD		Dam No. 6		3 cfs all year	
	24701	06-20-46	---	S.C.E.			

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	180 FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - C0000 - TULARE LAKE					
HYDROLOGIC UNIT - C0100 - SOUTH VALLEY FLOOR					
C01.E0-1	Kings River 25169	S2, T13S, R24E, MD 08-29-79	2741	Pine Flat Dam Kings River Conservation District	25 cfs or Inflow = to flow into Pine Flat Reservoir, whichever is less
C02.B0-1	White Creek 21024 L09211	SW1/4 of NE1/4 S32, T18S, R13E, MD 11-23-62	---	--- Atlas Asbestos Co.	Make available at the point of diversion for use by wildlife approximately 200 gpd or the flow of the spring, whenever it is less than 200 gpd

D-001707

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - C0300 - KINGS RIVER					
C03.B1-3	Kings River 12243, 1920 L9104, L9106	S17, T12S, R26E, MD 07-01-78	175	PGandE	June 1 - Nov. 30 30 cfs Dec. 1 - May 31 30 cfs Dry year: Not less than 20 cfs throughout year Dry year = Any 12 month period beginning May 1 in which natural runoff of Kings River at Pine Flat Dam (May 1 forecast) will be 50% or less of the average for this period
C03.B3-1	N. F. Kings River 12243, 1920 L9104, L9106	S12, T12S, R26E, MD 07-01-78	175	Balch Afterbay PGandE	June 1 - Nov. 30 15 cfs Dec. 1 - May 31 10 cfs Dry Year: 10 cfs year round Dry year = Any 12 month period beginning May 1 in which natural runoff of Kings River at Pine Flat Dam (May 1 forecast) will be 50% or less of the average for this period
C03.B3-2	N. F. Kings River 12243, 1920 L9104, L9106	S3, T12S, R27E, MD 07-01-78	175	Balch Diversion - Black Rock Res. PGandE	June 1 - Nov. 30 5 cfs Dec. 1 - May 31 2.5 cfs Dry year: 2.5 cfs year round Dry year = Any 12 month period beginning May 1 in which natural runoff of Kings River at Pine Flat Dam (May 1 forecast) will be 50% or less of the average for this period

Identity Number	Stream Name	Location	182		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number		Agreement Date	FERC Project Number		
C03.B3-4	N.F. Kings River	S6, T11S, R28E, MD			Wishon Reservoir	June 1 - Nov. 30 15 cfs Dec. 1 - May 31 7.5 cfs Dry year: Not less than 7.5 cfs all year
	4703, 12724	09-16-57	1988		PGandE	
	L9107, L09770					Release flows in the stream below the point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion
C03.B3-5	Helms Creek	S7, T10S, R28E, MD			Courtright Dam	June - Nov. 4 cfs Dec. - May 2.5 cfs Dry year: Not less than 2.5 cfs throughout year Dry Year: Runoff at Pietra Is estimated by DWR to be 1,000,000 AF or less.
	12726, 18227	10-01-77	1988 2735		PGandE	
	L10747, L10748					At all times release flows in stream below point of diversion in such quantities as to keep in good condition any fish that may exist or be planted in the stream below the point of diversion.

Identity Number	Stream Name	Water Rights Application Number	Location	Diversion Name		Minimum Instream Flows Under Agreement																				
	License Number	Agreement Date	FERC Project Number	Water Rights Applicant																						
HYDROLOGIC UNIT - C0400 - KAWEAH RIVER																										
C04.B2-1	Marble Fork of Kaweah River	-----	S23, T16S, R29E, MD 12-15-75	298	Kaweah No. 3 S.C.E.	Special Use Permit Sec. of Interior Minimum release into Kaweah River at Marble Fork and Middle Fork <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Marble</th> <th>Middle</th> </tr> </thead> <tbody> <tr> <td>Jan. and Feb.</td> <td>20 cfs</td> <td>5 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Mar. - June</td> <td>30 cfs</td> <td>9 cfs</td> <td>21 cfs</td> </tr> <tr> <td>July and Aug.</td> <td>20 cfs</td> <td>6 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Sept. and Dec.</td> <td>11 cfs</td> <td>1.5 cfs</td> <td>9.5 cfs</td> </tr> </tbody> </table>		Total	Marble	Middle	Jan. and Feb.	20 cfs	5 cfs	14 cfs	Mar. - June	30 cfs	9 cfs	21 cfs	July and Aug.	20 cfs	6 cfs	14 cfs	Sept. and Dec.	11 cfs	1.5 cfs	9.5 cfs
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C04.B3-2	Middle Fork Kaweah River	-----	S25, T16S, R29E, MD 12-15-75	298	----- Southern Calif. Edison	Special Use Permit Sec. of Interior minimum releases into Kaweah River at Marble Fork and Middle Fork <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Marble</th> <th>Middle</th> </tr> </thead> <tbody> <tr> <td>Jan. - Feb.</td> <td>20 cfs</td> <td>5 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Mar. - June</td> <td>30 cfs</td> <td>9 cfs</td> <td>21 cfs</td> </tr> <tr> <td>July - Aug.</td> <td>20 cfs</td> <td>6 cfs</td> <td>14 cfs</td> </tr> <tr> <td>Sept. - Dec.</td> <td>11 cfs</td> <td>1.5 cfs</td> <td>9.5 cfs</td> </tr> </tbody> </table>		Total	Marble	Middle	Jan. - Feb.	20 cfs	5 cfs	14 cfs	Mar. - June	30 cfs	9 cfs	21 cfs	July - Aug.	20 cfs	6 cfs	14 cfs	Sept. - Dec.	11 cfs	1.5 cfs	9.5 cfs
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Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement																																										
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant																																												
	License Number																																															
HYDROLOGIC UNIT - 0600 - KERN RIVER																																																
C06.A0-1	Kern River	S5, T28S, R31E, MD		Democrat Dam (KR #1)		50 cfs, June 1 - Sept. 30 then SCE can take entire flow of stream or so much as to maintain 74 cfs through power house at KR #1																																										
	26460	---	1930	S.C.E.																																												
C06.A0-2	Black Gulch	NE1/4 of NE1/4 S4, T27S, R32E, MD		---		At point of diversion facilities acceptable to the Department of Fish and Game which will make acceptable a minimum of 50 gallons of water per day for use by wildlife																																										
	22324 L09091	10-26-65	---	Kenneth Wortley																																												
C06.B2-1	Kern River	S12, T23S, R32E, MD		Fairview Dam (KR #3)		<table border="1"> <thead> <tr> <th>Month</th> <th>Dry Yr.</th> <th>Normal Yr.</th> </tr> </thead> <tbody> <tr><td>Jan.</td><td>25</td><td>40 cfs)</td></tr> <tr><td>Feb.</td><td>25</td><td>40 cfs)</td></tr> <tr><td>Mar.</td><td>60</td><td>70 cfs)</td></tr> <tr><td>Apr.</td><td>80</td><td>100 cfs)</td></tr> <tr><td>May</td><td>90</td><td>100 cfs) or</td></tr> <tr><td>June</td><td>90</td><td>100 cfs) natural</td></tr> <tr><td>July 15</td><td>85</td><td>100 cfs) flow</td></tr> <tr><td>July 16</td><td>75</td><td>90 cfs)</td></tr> <tr><td>Aug.</td><td>75</td><td>90 cfs)</td></tr> <tr><td>Sept.</td><td>65</td><td>70 cfs)</td></tr> <tr><td>Oct.</td><td>25</td><td>50 cfs)</td></tr> <tr><td>Nov.</td><td>25</td><td>40 cfs)</td></tr> <tr><td>Dec.</td><td>25</td><td>40 cfs)</td></tr> </tbody> </table> <p>Dry Year = Apr. 1 - July 31 total runoff <186,000 AF Normal Year = Apr. 1 - July 31 >186,000 AF</p>	Month	Dry Yr.	Normal Yr.	Jan.	25	40 cfs)	Feb.	25	40 cfs)	Mar.	60	70 cfs)	Apr.	80	100 cfs)	May	90	100 cfs) or	June	90	100 cfs) natural	July 15	85	100 cfs) flow	July 16	75	90 cfs)	Aug.	75	90 cfs)	Sept.	65	70 cfs)	Oct.	25	50 cfs)	Nov.	25	40 cfs)	Dec.	25	40 cfs)
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Dec.	25	40 cfs)																																														
13778 L05731	08-09-63	2290	S.C.E.																																													

D-001712

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number					
C06.B2-2	Kern River	S25, T23S, R32E, MD			Kern River Fish Hatchery	Not less than 20 cfs from KR #3 conduit
	13778	08-09-63	2290	S.C.E.		
	L05731					
C06.B2-3	Salmon Creek	S30 T23S, R33E, MD			KR #3 Aqueduct	Feb. - June 4 cfs July - Jan. 1 cfs or n.f.
	13778	08-09-63	2290	S.C.E.		
	L05731					
C06.B2-4	Corral Creek	S9, T24S, R33E, MD			KR #3 Aqueduct	Feb. - June 1 cfs July - Jan. 0.5 cfs or n.f.
	13778	08-09-63	2290	S.C.E.		
	L05731					
C06.B4-1	Freeman Creek	NE1/4 of SW1/4 S35, T20S, R32E, MD SW1/4 of SE1/4 S35, T20S, R32E, MD SE1/4 of SW1/4 S35, T20S, R32E, MD NE1/4 of NW1/4 S1, T21S, R32E, MD			----	At all times release \geq 0.25 cfs or the n.f., whenever flow is less than above, at the point of diversion
	16854			R. M. Pyles Boys Camp		
	L08954	01-25-56	----			

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D-001713

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement												
HYDROLOGIC BASIN - E0000 - SAN FRANCISCO BAY																	
HYDROLOGIC UNIT - E0100 - MARIN COASTAL																	
E01-A2-1	Arroyo Sausal	S31, T4N, R8W, MD		Soulajule Dam	Beginning with the first storm in November-December of each year that raises the Walker Creek flow at the USGS gauge upstream from the confluence with Chileno Creek above 25 cfs, and continuing through Dec. 31, releases from Soulajule Reservoir will maintain the following minimum flow at that gauge.												
	24928	08-24-76	---	Marin M.W.D.													
					<table border="0"> <thead> <tr> <th><u>Nicasio Reservoir storage the previous May 1</u></th> <th><u>Minimum flow to be maintained</u></th> </tr> </thead> <tbody> <tr> <td>more than 20,200 acre-feet</td> <td>20 cfs</td> </tr> <tr> <td>between 20,200 and 13,500 acre-feet</td> <td>10 cfs</td> </tr> </tbody> </table> <p>From Jan. 1 through Mar. 31 minimum flows at the USGS gauge above Chileno Creek.</p> <table border="0"> <thead> <tr> <th><u>Nicasio Reservoir storage on Jan. 1</u></th> <th><u>Minimum flow to be maintained</u></th> </tr> </thead> <tbody> <tr> <td>more than 10,600 acre-feet</td> <td>20 cfs</td> </tr> <tr> <td>between 7,400 and 10,600 acre-feet</td> <td>10 cfs</td> </tr> </tbody> </table>	<u>Nicasio Reservoir storage the previous May 1</u>	<u>Minimum flow to be maintained</u>	more than 20,200 acre-feet	20 cfs	between 20,200 and 13,500 acre-feet	10 cfs	<u>Nicasio Reservoir storage on Jan. 1</u>	<u>Minimum flow to be maintained</u>	more than 10,600 acre-feet	20 cfs	between 7,400 and 10,600 acre-feet	10 cfs
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<u>Nicasio Reservoir storage on Jan. 1</u>	<u>Minimum flow to be maintained</u>																
more than 10,600 acre-feet	20 cfs																
between 7,400 and 10,600 acre-feet	10 cfs																

Identity Number	Stream Name Water Rights Application Number License Number	Location	188	Diversion Name	Minimum Instream Flows Under Agreement
		Agreement Date	FERC Project Number	Water Rights Applicant	

E01.A2-1 (Continued)

On Feb. 1

more than
13,800 acre-feet 20 cfs
between 9,400 and
13,800 acre-feet 10 cfs

On March 1

more than
16,800 acre-feet 20 cfs
between 11,300 and
16,800 acre-feet 10 cfs

During April, except as provided in Paragraph (6) below, DISTRICT will reduce the minimum flows that have been maintained during the previous March by half. During May DISTRICT will further reduce the minimum flow to the summer level described in Paragraph (5) below. The minimum flow will be reduced no more than 1 cfs each two days during flow reduction in April and May.

From July 1 until the following winter minimum flow is required, DISTRICT will release sufficient stored water from the lower depths of Soulajule Reservoir to maintain the following flows at the USGS gauge above Chileno Creek.

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversión Name Water Rights Applicant	Minimum Instream Flows Under Agreement
-----------------	--	----------------------------	---------------------	--	--

E01.A2-1 (Continued)

<u>Nicasio Reservoir</u> <u>storage on pre-</u> <u>vious May 1</u>	<u>Minimum flow</u> <u>to be maintained.</u>
more than 20,200 acre-feet	5 cfs
between 20,200 and 13,500 acre-feet	2 cfs

Paragraph 6; Whenever the storage in Nicasio Reservoir is less than the minimum amounts shown in Paragraph (2), (3) and (5) above, the surface flow in Arroyo Sausal immediately downstream from Soulajule Reservoir will be maintained at 0.5 cfs and will not be allowed to drop below that rate at any time.

The above minimum flows will be maintained from the time the enlarged Soulajule Reservoir is first filled.

During a water shortage emergency, District will release only so much natural inflow or stored water from Soulajule Reservoir that is agreed upon by the State and District.

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number				Water Rights Applicant	
E01.A3-1	Nicasio Creek	S28, T3N, R8W, MD			Nicasio Dam	Annual flow maintenance 4000 AF Nicasio Reservoir - minimum flow requirements
	17317	01-16-68	----		Marin M.W.D.	
						Nov.-Dec. more than 20,000 AF 20 cfs <u><20,000</u> <u>>13,500</u> AF 10 cfs
						Jan. 1 more than 10,600 AF 20 cfs <u><10,600</u> <u>> 7,400</u> AF 10 cfs
						Feb. 1 more than 13,800 AF 20 cfs <u><9,400</u> <u>>13,800</u> AF 10 cfs
						March 1 more than 16,800 AF 20 cfs <u><11,300</u> <u>>16,800</u> AF 10 cfs
						April Reduce March flows by half
						Apr.-May Reduce to no more than 1 cfs each two days during flow redistribution
						From July 1 to winter storage on May 1 <u>Flow in cfs</u>
						<u>>20,200</u> AF 5 cfs
						<u><20,200</u> AF <u>>13,500</u> AF 2 cfs
E01.A3-2	Devils Gulch, Trib. to Lagunitas Creek	NE1/4 of NW1/4 S2, T2N, R8W, MD			----	Bypass total streamflow whenever USGS stream gage at Point Reyes reads less than 3.09 cfs
	25358	05-05-77	----		Mark Pasternak	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
HYDROLOGIC UNIT - E0200 - SAN MATEO					
E02.B1-1	Locks Creek	SW1/4 of SE1/4 S6, T5S, R5W, MD	----	----	Dec. 1 - Apr. 1; bypass half of the surface flow when flow is ≤ 3 cfs or n.f. where flow is less than above
	23846	04-21-81	----	Figone, Louie	
E02.B1-2	Denniston Creek	SE1/4 of SW1/4 S2, T5S, R6W, MD	----	----	Dec. 1 - Mar. ≥ 1 cfs or n.f. where flow is less than above
	25461	12-01-80	----	Half Moon Bay Properties	
E02.B1-3	S.F. San Pedro Creek	NE1/4 of SW1/4 S24, T4S, R6W, MD	----	----	At all times bypass min 0.15 cfs or the total flow of S.F. San Pedro Creek, whichever is less, at the point of diversion
	23733	03-23-71	----	North Coast County Water Dist.	
E02.B1-4	Denniston Creek	SE1/4 of SW1/4 S2, T5S, R6W, MD	----	----	Bypass from Dec. 1 - Mar. 31 ≥ 1 cfs or n.f. whichever is less
	25469	08-17-77	----	Half Moon Bay Properties, Inc.	
E02.B1-5	Trib. to Denniston Creek	SW1/4 of NE1/4 S2, T5S, R6W, MD	----	----	Bypass from Dec. 1 - Mar. 31 ≥ 1 cfs or n.f. whichever is less
		SE1/4 of NW1/4 S2, T5S, R6W, MD	----	----	
E02.B1-6	Trib. to Denniston Creek	NE1/4 of NE1/4 S2, T5S, R6W, MD	----	----	Bypass from Dec. 1 - Mar. 31 ≥ 1 cfs or n.f. whichever is less
		25467	08-17-77	----	

Identity Number	Stream Name	Location		Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number		
	License Number				
E02.B2-1	Pilarcitos Creek	SW1/4 of NW1/4 S28, T5S, R5W, MD		----	At all times flow must be \geq 5 cfs or n.f. No diversion when creek, at the point of diversion, is between 10 & 17 cfs
	25407	11-16-77	----	California Evergreen Nursery	
E02.B2-3	Frenchmans Creek	S18, T5S, R5W, MD		----	Dec. 1 - Mar 31 \geq 3 cfs or where flow is less than above
	25470	09-20-78	----	Half Moon Bay Properties	
E02.B2-4	Arroyo Leon	NW1/4 of SW1/4 S33, T5S, R5W, MD		----	Shall not divert from Arroyo Leon when streamflow at USGS gage on Pilarcitos Creek is between 10 and 20 cfs or when during Mar. 15 - Apr. 30 at mentioned gage flow is at or below 5 cfs
	25463, 25464, 25465	08-17-77	----	Half Moon Bay Properties, Inc.	
E02.B3-1	Arroyo Leon	NE1/4 of SE1/4 S32, T5S, R5W, MD		----	No diversion when streamflow on Pilarcitos Creek is between 10 & 20 cfs. No diversion from Mar. 15 - Apr. 30 when streamflow on Pilarcitos Creek is \leq 5 cfs or n.f. where flow is less than above
	25462	02-01-80	----	Half Moon Bay Properties	
E02.B3-2	Purisima Creek	SW1/4 of SE1/4 S2, T6S, R5W, MD		----	At all times bypass \geq 0.5 cfs or the n.f. whenever flow is less at the point of diversion
	18508	01-27-59	----	Minaichis, John	
	L9456			Minaichas, Tom & Sue	

Identity Number	Stream Name	Water Rights Application Number	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	License Number	Agreement Date	Water Rights Applicant			
E02.B3-4	Lobitos Creek	25730, 25731	SE1/4 of SW1/4 S14, T6S, R5W, MD 05-02-78	----	Carol Lennox	Bypass at all times inflow to the Impoundment when flow in Lobitos Creek, at a point immediately downstream from confluence of unnamed stream and Lobitos Creek, is at or below 2.0 cfs
E02.B3-5	Lobitos Creek	25734	NW1/4 of NW1/4 S23, T6S, R5W, MD 05-04-78	----	George L. Kolby, Shiela A. Kolby	Bypass inflow waters to impoundment when flow in Lobitos Creek is at or below 2.0 cfs
E02.B3-6	Lobitos Creek	25750	NW1/4 of SW1/4 S14, T6S, R5W, MD 05-30-78	----	Terence C. Hiatt Susan I. Hiatt	No diversion when flow in Lobitos Creek at a point immediately downstream from the confluence of unnamed stream and Lobitos Creek is at or below 2.0 cfs
E02.C0-3	San Gregorio Creek	25877	SW1/4 of NE1/4 S14, T7S, R5W, MD 11-29-78	----	August J. Repetto and Doris A. Repetto	Bypass from Dec. 1 - May 1 entire stream flow for 5 days after a major storm producing flow of 50 cfs or greater in San Gregorio Creek at USGS gage \geq 5 cfs except during dry year when \geq 2 cfs. Dry year = rainfall to date less than 70% are as measured by Parks and Recreation office in Half Moon Bay
E02.C0-4	MIndago Creek	24240	SE1/4 of SE1/4 S13, T7S, R4W, MD 11-06-72	----	Cuesta La Honda Guild	Nov. 1 - May 31 bypass \geq 1 cfs or total streamflow if less

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E02.C0-5	San Gregorio Creek 26125, 26126	NE1/4 of NE1/4 S15, T7S, R5W, MD 11-08-79	----	----- Nicola D. Muzzi, Liana M. Muzzi Edward Campinottia, Diana M. Campinottia	Dec. 1 - May 1 bypass entire streamflow for 5 days after a major storm producing flows \geq 50 cfs in San Gregorio Creek at USGS gage : \geq 5 cfs otherwise : \geq 2 cfs during dry year when rainfall to date is 70% of average as measured by Department of Parks and Recreation Office in Half Moon Bay
E02.D0-1	Pescadero Ck. 25337	Pescadero Creek: SE1/4 of NE1/4 S10, T8S, R5W, MD 12-18-80	----	----- Dias, John Dias, Noel W.	Irrigation: Dec. 1 - Apr. 15 \geq 9.4 cfs Storage: Dec. 1 - Apr. 30 \geq 13 cfs or n.f. where flow is less than above
E02.D0-2	Butano Creek 25338	NE1/4 of SE1/4 S15, T8S, R5W, MD ----	----	----- Dias, John	Irrigation: Dec. 1 - Apr. 15 \geq 9.4 cfs Storage: Dec. 1 - Apr. 30 \geq 13 cfs or n.f. where flow is less than above
E02.D0-3	Butano Creek 25302	SW1/4 of NE1/4 S16, T8S, R5W, MD 07-08-77	----	----- Campinotti, Edward Bandini, Joe, Jr. Diecchio, Sylvia, et al	Dec. 1 - Apr. 15 \geq 9.4 cfs or n.f. where flow is less than above
E02.D0-4	Butano Creek 25598	SW1/4 of SW1/4 S10, T8S, R5W, MD 06-23-78	----	----- Level Lea Farms	Nov. 1 - May \geq 9.4 cfs or n.f. where flow is less than above

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
E02.D0-5	Pescadero Creek	SE1/4 of SW1/4 S33, T7S, R4W, MD	----	----	≥ 5 cfs at all times or n.f. whenever flow is less than above
	24788	12-05-80	----	San Mateo Co. Board of Education	
E02.D0-6	Butano Creek	SW1/4 of SE1/4 S14, T8S, R5W, MD	----	----	Dec. 1 - May 31 ≥ 3 cfs June 1 - Nov. 30 ≥ 0.5 cfs or the n.f. whenever flow is less than above, past the point of diversion
	19551, 17198	07-14-60	----	Maurice Oppenheimer Rita Giannini	
	L09654, L07342				
E02.D0-7	Big Butano Creek	SW1/4 of NW1/4 S14, T8S, R5W, MD	----	----	Dec. 1 - Apr. 1 ≥ 3 cfs or the n.f. whenever flow is less than above at the point of diversion
	17590	05-09-57	----	Oku, Inc.	
	L01740				
E02.D0-8	Trib. to Butano Creek	SW1/4 of NE1/4 S9, T8S, R5W, MD	----	----	Bypass from Dec. 1 - Apr. 15 ≥ 9.4 cfs or n.f. whichever less
	25303	03-21-77	----	Edward Campinotti, Sylvia DiVecchio and Lera Bandini	
E02.D0-9	Trib. to Butano Creek	NW1/4 of SW1/4 S14, T8S, R5W, MD NW1/4 of NW1/4 S14, T8S, R5W, MD SW1/4 of NW1/4 S14, T8S, R5W, MD	----	----	Bypass from Dec. 1 - Apr. 15 ≥ 9.4 cfs or n.f. whichever less
	25868	11-13-78		Lorene Y. Burns and Debbie Kieffer	
E02.D0-10	Trib. to Butano Creek	SW1/4 of NW1/4 S14, T8S, R5W, MD NW1/4 of SW1/4 S14, T8S, R5W, MD	----	----	Bypass from Dec. 1 - Apr. 15 ≥ 9.4 cfs or n.f. whichever less
	25950	03-26-79	----	Oku, Inc.	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
E02.D0-11	Trib. to Butano Creek 20711 L08736	SW1/4 of SW1/4 S10, T8S, R5W, MD NE1/4 of NW1/4 S15, T8S, R5W, MD 04-05-62	----	---- Level Lea Farms	Dec. 1 - June 1 \geq 3 cfs or the n.f. whenever flow is less than above, at the point of diversion
E02.D0-12	Pescadero Creek 25676	SE1/4 of NW1/4 & NE1/4 of NW1/4 S10, T8S, R5W, MD 10-10-79	----	---- Coastside Wholesale Florist, Inc.	Dec. 1 - May 1 \geq 13 cfs or n.f. where flow is less than above
E02.D0-14	Pescadero Creek 25318	S11, T8S, R5W, MD 02-19-81	----	---- Bernard Burns, Jr., Lorene Burns Debbie Kleffer	Dec. - Apr. 30 \geq 13 cfs or n.f. whenever flow is less than above

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
HYDROLOGIC UNIT - E0600 - SAN PABLO						
E06.D0-1	Arroyo Seco Creek	NW1/4 of SW1/4 S16, T5N, R5W, MD	---			Dec. 1 - Feb. 29 \geq 5 cfs
	24504	01-30-75	---	Rhinefarm Vineyards		Mar. 1 - May 20 \geq 2 cfs or n.f. where flow is less than above
E06.D0-2	Fowler Creek	NW1/4 of NW1/4 S31, T5N, R5W, MD	---			Dec. 1 - Feb. 29 \geq 5 cfs
	24023	08-31-72	---	Sebastiani, Sylvia		Mar. 1 - May 31 \geq 1 cfs or n.f. where flow is less than above
E06.D0-3	Nathanson Creek	NW1/4 of NW1/4 S5, T5N, R5W, MD	---			Dec. 1 - Feb. 29 Bypass \geq 7 cfs
	24468	09-11-77	---	Haywood, Pete		Mar. 1 - May 31 Bypass \geq 3 cfs or n.f. where flow is less than above
E06.D0-4	Sonoma Creek	SW1/4 of NW1/4 S35, T6N, R6W, MD	---			Sept. 1 - Nov. 30 \geq 2 cfs
	24503	09-27-77	---	Cabo, A Partnership		Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 20 \geq 10 cfs or n.f. where flow is less than above
E06.D0-5	Rodgers Ck.	NE1/4 of NW1/4 S25, T5N, R6W, MD	---			Dec. 1 - Feb. 29 \geq 7 cfs
	24531	01-09-78	---	Geyser Peak Winery		Mar. 1 - May 30 \geq 2 cfs or n.f. where flow is less than above
E06.D0-6	Hulchica Creek	NE1/4 of NE1/4 S1, T4N, R5W, MD	---			Nov. 15 - Feb. 29 \geq 10 cfs
	24278	05-17-77	---	Buena Vista Winery		Mar. 1 - Apr. 30 \geq 2.5 cfs or n.f. where flow is less than above

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
E06.D0-8	Sonoma Creek	NE1/4 of SE1/4 S27, T6N, R6W, MD		---	Nov. 15 - Feb. 14 \geq 20 cfs Mar. 1 - May 31 \geq 10 cfs June 1 - June 15 \geq 2 cfs or n.f. whenever flows is less than above
	24238	02-26-74	---	Hershey, John C.	
E06.D0-9	Sonoma Creek	NW1/4 of NW1/4 S5, T6N, R6W, MD		---	At all times bypass \geq 50 gallons per minute or the n.f. whenever flows is less than above at the point of diversion
	16130	11-09-54	---	Valentine Rossi	
	L05027				
E06.D0-10	Sonoma Creek	S33, T5N, R5W, MD		---	Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 31 \geq 10 cfs Jun. 1 - Aug. 31 \geq 2 cfs or n.f. whenever flow is less than above
	24024	10-25-74	---	Sylvia Sebastiani	
E06.E0-1	Napa River	NW1/4 of SE1/4 S31, T7N, R4W, MD		---	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. where flow is less than above
	24018	04-28-75	---	Truyens, Lillian Disney	
	L11135				
E06.E0-2	Bear Canyon Creek	NE1/4 of NE1/4 S17, T7N, R5W, MD		---	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
	23883	10-26-78	---	DePins, Madame Helen	

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
E06-E0-3	Bear Canyon Creek	NE1/4 of NE1/4 S17, T7N, R5W, MD	----	----	----	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
	23885	08-10-79	----	Bosche, John H.		
E06-E0-4	Napa River	NW1/4 of NE1/4 S16, T6N, R4W, MD	----	----	----	Dry Creek: Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs Napa River: Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs Frost Protection; Dry Creek: Mar. 15 - Apr. 30 \geq 5 cfs or n.f. where flow is less than above
	23886	11-03-80	----	Rigliwen, A. G.		
E06-E0-5	Napa River	SW1/4 of NE1/4 S8, T6N, R4W, MD	----	----	----	Napa River: Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs Dry Creek: Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs or n.f. where flow is less than above
	23887	03-06-73	----	VDC, Inc.		
E06-E0-6	Bear Canyon Creek	NE1/4 of SE1/4 S17, T7N, R5W, MD	----	----	----	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
	23889	08-21-81	----	United Vinters Inc.		

Identity Number	Stream Name	Location	200	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number				
E06.E0-7	Bear Canyon Creek and Bale Slough 23890	NE1/4 of NE1/4 S21, T7N, R5W, MD 08-25-80	---	Heublein Inc. dba Beaulieu Vineyards	Irrigation: Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs Frost Protection: Mar. 15 - May 15 \geq 2 cfs or n.f. where flow is less than above
E06.E0-8	Napa River 25317	SW1/4 of SE1/4 S4, T7N, R5W, MD 06-28-78	---	Connolly Mathilde Carpy	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. where flow is less than above
E06.E0-9	Napa River and Conn Ck. 24433	NW1/4 of SW1/4 S15, T7N, R5W, MD 12-01-80	---	Connecticut Mutual Life	Frost Protection; Conn Creek: Mar. 15 - May 15 \geq 3 cfs Napa River: Mar. 15 - May 15 \geq 10 cfs or n.f. where flow is less than above Irrigation; Conn Creek: Nov. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 3 cfs Napa River: Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
E06.E0-10	Napa River 25448	NW1/4 of NE1/4 S27, T6N, R4W, MD 12-15-79	---	Preferred Vineyard Properties	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. where flow is less than above

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
E06.E0-11	Napa River	SE1/4 of NW1/4 S22, T6N, R4W, MD	----	----	----	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. where flow is less than above
	25449	12-15-79	----	Elliott, Roy H., et al		
E06.E0-12	Hulchica Creek	NW1/4 of SW1/4 S6, T4N, R4W, MD	----	----	----	Nov. 1 - Nov. 30 \geq 2 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - Apr. 30 \geq 2 cfs or n.f. where flow is less than above
	25630	11-24-78	----	C. Mondavi and Sons		
E06.E0-13	Napa River	NW1/4 of NE1/4 S6, T6N, R4W, MD	----	----	----	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above Frost protection: Mar. 15 - May 15 \geq 10 cfs
	25700	11-13-80	----	Retlaw Enterprises		
E06.E0-14	Sarcos Creek	SW1/4 of SW1/4 S30, T6N, R3W, MD	----	----	----	Nov. 1 - Feb. 29 Bypass \geq 1 cfs Mar. 1 - May 15 Bypass \geq 0.5 cfs or n.f. where flow is less than above
	24456	04-05-78	----	Hills, Austin		
E06.E0-15	Napa River	SW1/4 of NW1/4 S9, T6N, R4W, MD	----	----	----	Oct. 1 - Oct. 31 Bypass \geq 3 cfs Nov. 1 - Nov. 14 Bypass \geq 1 cfs Nov. 15 - Feb. 29 Bypass \geq 15 cfs Mar. 1 - May 15 Bypass \geq 10 cfs or n.f. where flow is less than above
	24443	01-03-79	----	Mondavi Vineyards		
E06.E0-16	Pickle Canyon Creek	SE1/4 of NE1/4 S16, T6N, R5W, MD	----	----	----	0.5 cfs or n.f.
	24505	07-01-77	----	Bernstein, Michael		

Identity Number	Stream Name	Location		202		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	
	License Number					
E06.E0-17	Redwood Creek	SW1/4 of SW1/4 S32, T6N, R4W, MD	---	---	---	Dec. 1 - Feb. 29 \geq 7 cfs Mar. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 1 cfs or n.f. where flow is less than above
	24527	08-11-77	---	Hanson, Raymond L. Hsieh, Thomas		
E06.E0-18	Napa River	NE1/4 of NW1/4 S22, T7N, R5W, MD	---	---	---	Storage and diversion requirements: Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs Diversion requirements: Mar. 15 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24592	12-22-80	---	Mont La Salle Vineyards		
E06.E0-19	Napa River	SE1/4 of SE1/4 S23, T8N, R6W, MD	---	---	---	Storage and diversion requirements: Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs Diversion requirements: Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24591	11-06-80	---	Carpenter, Lewis G., Dr.		
E06.E0-20	Dry Creek	NW1/4 of NE1/4 S17, T6N, R4W, MD	---	---	---	Nov. 1 - Mar. 31 \geq 5 cfs Apr. 1 - May 15 \geq 3 cfs or n.f. where flow is less than above
	24693A	11-25-77	---	Trefethen, E. E.		
E06.E0-21	Napa River	SE1/4 of SE1/4 S10, T8N, R6W, MD	---	---	---	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24866	01-05-77	---	Crocker, Charles		

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
E06.E0-22	Mill Creek	NW1/4 of SW1/4 S14, T8N, R6W, MD	---	---	---	Nov. 1 - Nov. 14 \geq .5 cfs Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - May 15 \geq 1 cfs or n.f. where flow is less than above
	24916	02-17-77	---	Hewitt, Wm. A.		
E06.E0-23	Dry Creek	SW1/4 of NW1/4 S2, T6N, R5W, MD	---	---	---	Nov. 1 - May 15 \geq .5 cfs or n.f. where flow is less than above
	24917	04-14-78	---	Moffitt, Herbert C.		
E06.E0-24	Pickle Canyon Creek	NE1/4 of SE1/4 S16, T6N, R5W, MD	---	---	---	Nov. 1 - June 1 \geq 0.5 cfs or n.f. where flow is less than above
	25077, 25078	06-28-78	---	Veedercrest Vineyards		
E06.E0-25	Huichica Creek	SW1/4 of NW1/4 S6, T4N, R4W, MD	---	---	---	Nov. 1 - Nov. 30 \geq 2 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above Frost protection: Mar. 15 - May 15 \geq 2 cfs or n.f. where flow is less than above
	25935	09-23-80	---	Beckstoffer, W. Andrew		
E06.E0-26	Garnett Creek	NE1/4 of SW1/4 S24, T9N, R7W, MD	---	---	---	Nov. 1 - Nov. 14 \geq 0.5 cfs Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - Mar. 15 \geq 3 cfs or n.f. where flow is less than above
	24147	01-31-75	---	Hannan, J. E.		
E06.E0-27	Conn Creek	SW1/4 of SE1/4 S25, T7N, R5W, MD	---	---	---	Nov. 1 - Nov. 30 \geq 0.25 cfs Dec. 1 - Feb. 28 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
	24327	03-27-79	---	Deux Rivieres Vineyards		

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
E06.E0-28	Conn Creek	NW1/4 of NE1/4 S23, T7N, R5W, MD	---	---	Nov. 1 - Nov. 30 \geq 0.25 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs Frost protection: Mar. 15 - May 15 \geq 2 cfs or n.f. where flow is less than above
	24309	01-08-81	---	Jensen, Jerry	
E06.E0-29	Napa River	NW1/4 of NW1/4 S9, T8N, R6W, MD	---	---	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24332	10-27-76	---	Tamagni, Walter Emil	
E06.E0-30	Napa River	NW1/4 of NE1/4 S23, T8N, R6W, MD	---	---	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24292	09-16-80	---	Napa Valley Vineyard Co.	
E06.E0-31	Napa River	SE1/4 of SE1/4 S6, T6N, R4W, MD	---	---	Oct. 1 - Oct. 31 \geq 3 cfs Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 1 \geq 10 cfs or n.f. where flow is less than above
	24442	04-13-77	---	Robert Mondavi Vineyards	
E06.E0-32	Napa River	SW1/4 of NW1/4 S9, T6N, R4W, MD	---	---	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24307	01-12-79	---	Rigi Vineyards	

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Identity Number	Stream Name	Location		Diverson Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
E06.E0-33	Napa River	NE1/4 of SE1/4 S16, T6N, R4W, MD		---		Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Jan 31 \geq 15 cfs or n.f. where flow is less than above
	24072	10-27-75	---	Monticello Vineyards		
E06.E0-34	Dry Creek	SW1/4 of NW1/4 S17, T6N, R4W, MD		---		Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs or n.f. where flow is less than above Frost protection: Mar. 15 - Apr. 30 \geq 5 cfs or n.f.
	24277A&B	08-21-80	---	B & B Vineyards		
E06.E0-35	Napa River	NE1/4 of NE1/4 S21, T6N, R4W, MD		---		Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24358	01-02-78	---	Williams, Maxine		
E06.E0-36	Napa River	NW1/4 of SE1/4 S22, T6N, R4W, MD		---		Dec. 1 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24285	11-12-74	---	Pannonia Vineyards		
E06.E0-37	Hutchica Creek	SW1/4 of NW1/4 S6, T4N, R4W, MD		---		Nov. 1 - Nov. 30 \geq 2 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2 cfs or n.f. where flow is less than above
	24395	03-22-79	---	Beaulieu Vineyards		
E06.E0-38	Milliken Creek	NE1/4 of SW1/4 S35, T6N, R4W, MD		---		Dec. 1 - Feb. 29 \geq 7 cfs Mar. 1 - May 31 \geq 2 cfs or n.f. where flow is less than above
	24125	03-08-73	---	Rigi Vineyards		

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Identity Number	Stream Name	Location		Diverslon Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number		
	License Number				
E06.E0-39	Unnamed Trib. to Napa River	NE1/4 of NE1/4 S32, T7N, R4W, MD	---	---	Dec. 1 - Feb. 29 \geq 3 cfs or n.f. where flow is less than above
	24124	09-06-72	---	Stags Leap Associates	
	L11154				
E06.E0-40	Redwood Creek	NE1/4 of SW1/4 S31, T6N, R4W, MD	---	---	Jan. 1 - Feb. 29 \geq 7 cfs Mar. 1 - Apr. 15 \geq 5 cfs or n.f. where flow is less than above
	24076	02-06-78	---	Hendry, George Orr	
E06.E0-41	Pickle Canyon	NW1/4 of SE1/4 S16, T6N, R5W, MD	---	---	Nov. 1 - May 1 \geq 0.5 cfs or n.f. where flow is less than above
	24348	07-08-76	---	Baxter, A. W.	
E06.E0-42	Napa River	SW1/4 of NE1/4 S31, T7N, R4W, MD	---	---	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. whenever flow is less than above
	25447	12-15-79	---	Preferred Vineyards Properties	
E06.E0-43	Tulucay Creek	SW1/4 of SW1/4 S12, T5N, R4W, MD	---	---	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - May 31 \geq 2 cfs June 1 - Nov. 30 \geq .1 cfs or n.f. whenever flow is less than above
	25455	03-08-79	---	Paul T. Lewis	
E06.E0-44	Redwood Creek	NW1/4 of NW1/4 S31, T6N, R4W, MD	---	---	Mar. 1 - Apr. 30 \geq 3 cfs May 1 - May 31 \geq 1 cfs or n.f. whenever flow is less than above, until the Redwood Creek Dam Project is complete
	22835	06-26-67	---	Robert P. Hainey	
	L10198				

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
E06.E0-45	Napa River	SW1/4 of NE1/4 S26, T9N, R7W, MD		---		Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10.0 cfs or the n.f., whenever flow is less than above, at the point of diversion
	23791	03-21-73	---	Alfred Charles Godward		
E06.E0-46	Bale Slough	SW1/4 of NE1/4 S8, T7N, R5W, MD		---		Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - Mar. 15 \geq 10 cfs or n.f. whenever flow is less than above
	23930	01-05-73	---	Roy Chavez, George Chavez and Mabel Leeds		
	L11104					
E06.E0-47	Napa River	SE1/4 of NE1/4 S9, T7N, R5W, MD		---		At all times \geq 5 cfs or n.f. whenever flow is less than above, past the point of diversion
	22095	04-06-65	---	Emmalo, Alba & Franks		
	L09702					
E06.E0-48	Napa River	SE1/4 of SE1/4 S9, T7N, R5W, MD		---		Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15.0 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f., whenever flow is less than above, at the point of diversion
	23987	02-27-73	---	Hills Vineyards		
E06.E0-49	Conn Creek	SW1/4 of SW1/4 S11, T7N, R5W, MD		---		Bypass from Nov. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 3 cfs or n.f. whichever less
	25833A	09-26-78	--	W. Andrew Beckstoffer		

Stream Name	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
E06.E0-50	Napa River	SW1/4 of NW1/4 S15, T7N, R5W, MD	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs	John P. Cowney, Jr.	at the point of diversion or n.f. whenever flow is less than above,	
E06.E0-51	Bear Canyon Creek	SE1/4 of SW1/4 S17, T7N, R5W, MD	Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 15 > 10 cfs or n.f.	Heublein, Inc.	whenever flow is less at point of diversion	
E06.E0-52	Napa River	NE1/4 of SE1/4 S22, T7N, R5W, MD	Nov. 1 - Nov. 14 > 1 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs	Jesse E. Stanton	or n.f. whenever less than above	
E06.E0-53	Napa River	SW1/4 of SW1/4 S23, T7N, R5W, MD	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs	Los Ninos Vineyards	at the point of diversion or n.f., whenever flow is less than above,	
E06.E0-54	Napa River	SW1/4 of SE1/4 S25, T7N, R5W, MD	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs	Franciscan Vineyards, Inc.	point of diversion whenever flow is less than above at	
E06.E0-55	Napa River	NE1/4 of NW1/4 S26, T7N, R5W, MD	Nov. 1 - Nov. 14 > 1.0 cfs Nov. 15 - Feb. 29 > 15 cfs Mar. 1 - May 31 > 10 cfs or n.f.			

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number					
E06.E0-56	Napa River	SE1/4 of NW1/4 S31, T7N, R4W, MD			---	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or n.f. whenever flow is less than above
	24022	03-05-73	---		John & Diane Traina	
E06.E0-57	Napa River	SW1/4 of NE1/4 S31, T7N, R4W, MD			---	May 1 - May 31 \geq 10 cfs or the n.f., whenever flow is less than above, at the point of diversion
	22841	05-30-67	---		Vernon A. Mathison	
	L10033					
E06.E0-58	Carneros Creek	SE1/4 of SW1/4 S33, T5N, R4W, MD			---	Bypass from Nov. 1 - Nov. 30 \geq 2.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2.5 cfs or n.f. whichever less
	25293	03-14-77	---		Chardonnay Vineyards, Ltd.	
E06.E0-59	Carneros Creek	SW1/4 of NE1/4 S19, T5N, R4W, MD			---	Bypass from Nov. 1 - Nov. 30 \geq 2.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2.5 cfs or n.f. whichever less
	24345A	04-05-73	---		Beaulieu Vineyards	
E06.E0-60	Carneros Creek	NE1/4 of SW1/4 S19, T5N, R4W, MD			---	Bypass from Nov. 1 - Nov. 30 \geq 2.5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 15 \geq 2.5 cfs or n.f. whichever less
	25294A	03-14-77	---		Carneros Vineyards, Ltd.	
E06.E0-61	Carneros Creek	NW1/4 of NW1/4 S30, T5N, R4W, MD			---	Jan. 1 - May 1 \geq 1 cfs or the n.f. whenever flow is less than above, at the point of diversion
	20357	04-18-62	---		Rene di Rosa	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number		
E06.E0-62	Napa River	SE1/4 of SE1/4 S23, T8N, R6W, MD		---	Jun. 1 - Nov. 15 \geq 0.2 cfs or the n.f., whenever flow is less than above, at the point of diversion
	22949	11-16-67	---	Lewis G. Carpenter, Jr.	
	L10745				
E06.E0-63	Mill Creek	NW1/4 of SW1/4 S14, T8N, R6W, MD		---	Nov. 1 - Nov. 14 \geq 0.5 cfs Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - May 15 \geq 2 cfs or the n.f., whenever flow is less than above, at the point of diversion
	24129	03-05-73	---	Victor E. Cole	
E06.E0-64	Napa River	NE1/4 of NE1/4 S25, T8N, R6W, MD		---	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or n.f. whenever flow is less than above
	23866	03-06-73	---	Pool Mgmt. Ltd.	
E06.E0-65	Napa River	SE1/4 of SE1/4 S10, T8N, R6W, MD		---	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f., whenever flow is less than above, at the point of diversion
	23897	01-05-73	---	Kenneth G. Wolfe	
E06.E0-66	Napa River	NW1/4 of NW1/4 S9, T8N, R6W, MD		---	Apr. 15 - Jun. 1 \geq 10 cfs or n.f. whenever flow is less than above at point of diversion
	18144	05-21-58	---	Tamagni, Waller E. Sr.	
	L7368				

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Identity Number	Stream Name	Location		Diversión Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
E06.E0-67	Napa River	NW1/4 of SE1/4 S31, T7N, R4W, MD	---	---	---	At all times bypass \geq 10 cfs
	23308	07-09-69	---	Lillian Disney Truyens		
	L11136					
E06.E0-68	Napa River	NW1/4 of SW1/4 S15, T7N, R5W, MD	---	---	---	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion
	23774	01-05-73	---	Curtis Ranches		
E06.E0-69	Napa River	SE1/4 of SE1/4 S6, T6N, R4W, MD SW1/4 of NW1/4 S8, T6N, R4W, MD	---	---	---	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15.0 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion
	23511	01-11-73	---	Robert Mondavi Vineyards, Inc.		
E06.E0-70	Dry Creek	NW1/4 of NE1/4 S17, T6N, R4W, MD	---	---	---	Oct. 15 - Oct. 31 \geq 1 cfs Nov. 1 - Apr. 30 \geq 5 cfs May 1 - May 15 \geq 3 cfs or the n.f. whenever flow is less than above at the point of diversion
	23333	10-31-78	---	E. E. Trefethen, Jr.		
E06.E0-71	Dry Creek	NW1/4 of NE1/4 S17, T6N, R4W, MD	---	---	---	Apr. 15 - May 31 \geq 5 cfs or the n.f. of the stream whenever it is less than above
	18104B	04-24-58	---	E. E. Trefethen, Jr.		

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Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number				Water Rights Applicant	
	License Number					
E06.E0-72	(1) Ritchie Creek (2) Napa River	SW1/4 of SW1/4 S10, T8N, R6W, MD NE1/4 of SW1/4 S10, T8N, R6W, MD			---	(1) Dec. 1 ~ Feb. 28 \geq 7.0 cfs Mar. 1 ~ Apr. 30 \geq 2.0 cfs whenever flow is less than 2.0 cfs and greater than 0.4 cfs from Mar. 1 - Apr. 30 at point of diversion on Ritchie Creek (2) Dec. 1 ~ Feb. 28 \geq 15 cfs Mar. 1 ~ Apr. 30 \geq 10 cfs or the n.f. whenever flow is less than above, at the Napa River diversion
	22785	01-27-69			Sterling Vineyards	
E06.E0-73	Napa River	SE1/4 of SW1/4 S5, T8N, R6W, MD			---	Nov. 1 ~ Nov. 14 \geq 1.0 cfs Nov. 15 ~ Feb. 29 \geq 15 cfs Mar. 1 ~ May 15 \geq 10 cfs or the n.f. whenever flow is less than above
	23932	12-01-71			Sterling Vineyards	
	L11142					
E06.E0-74	Napa River	NE1/4 of NE1/4 S8, T8N, R6W, MD			---	Nov. 1 ~ Nov. 14 \geq 1.0 cfs Nov. 15 ~ Mar. 1 \geq 15 cfs or the n.f. whenever flow is less than above.
	23986	02-25-72			Micheal Marsten	
	L11137					
E06.E0-75	Napa River	NE1/4 of NW1/4 S9, T8N, R6W, MD			---	Nov. 1 ~ Nov. 14 \geq 1.0 cfs Nov. 15 ~ Feb. 29 \geq 15 cfs Mar. 1 ~ May 31 \geq 10 cfs or the n.f. whenever flow is less than above at the point of diversion
	23934	01-04-73			Sterling Vineyards	

Identity Number	Stream Name	Location		Diversions Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
E06.E0-76	Napa River	NW1/4 of SW1/4 S36, T9N, R7W, MD	---	---	---	At all times bypass \geq 5 cfs or the n.f. whenever flow is less than above
	23508	05-18-70	---	Vince Arroyo		
	L10856					
E06.E0-77	Napa River	NW1/4 of SW1/4 S36, T9N, R7W, MD	---	---	---	Nov. 1 - Nov. 14 \geq 0.25 cfs Nov. 15 - Feb. 28 \geq 3 cfs Mar. 1 - Mar. 15 \geq 1 cfs or the n.f. whenever flow is less than above
	23914	10-18-72	---	Napa County Fair Ass.		
E06.E0-78	Unnamed Trib. to Chiles Creek	SE1/4 of NW1/4 S18, T8N, R4W, MD	---	---	---	Mar. 1 - May 1 \geq 0.25 cfs or the n.f. whenever flow is less than above at the point of diversion on the unnamed tributary to Chiles Creek.
	23647	05-24-71	---	Edge Hill Farms, Inc.		
E06.E0-79	Napa River	NE1/4 of NW1/4 S32, T8N, R5W, MD	---	---	---	Bypass from Mar. 15 - May 15 \geq 10 cfs or n.f. whichever less. Measured at nearest USGS gaging station or device acceptable to board at alternative location designated by the watermaster administering the program
	24677B	08-22-74	---	Mont LaSalle Vineyards		
E06.E0-80	Napa River	NW1/4 of SW1/4 S30, T8N, R5W, MD	---	---	---	Jun. 1 - Nov. 15 \geq 0.25 cfs or the n.f. whenever flow is less than above, at the point of diversion
	22711	02-23-67	---	Lewis G. Carpenter, Jr.		
	L10761					

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement	
E06.E0-81	Milliken Creek 25712	SE1/4 of SE1/4 S7, T6N, R3W, MD 04-06-78	---	---	City of Napa	As per agreement with DFG when level in Lake Is at or below 873 ft bypass 0.5 cfs or n.f. at or above 873 ft bypass 5.0 cfs or n.f.
E06.E0-82	Napa River 26036A	NW1/4 of NW1/4 S21, T6N, R4W, MD 06-27-79	---	---	George Altamura	Bypass from Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. whichever less. Measured at nearest USGS gaging station or device acceptable to board at alternative locations designated by watermaster administering program
E06.E0-83	Napa River 23867 L11138	SE1/4 of NE1/4 S16, T7N, R5W, MD 03-06-73	---	---	Richard Preston	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or n.f. whenever flow is less than above
E06.E0-84	Dry Creek 18104A L09751	NE1/4 of NW1/4 S17, T6N, R4W, MD 04-09-71	---	---	David Wheatley	Apr. 15 - May 31 \geq 5 cfs or the n.f. whenever flow is less than above at the point of diversion
E06.E0-85	Napa River 24020	S16, T6N, R4W, MD 03-19-73	---	---	Curtis Investments Corp.	Nov. 1 - Nov. 14 \geq 1 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or n.f. whenever flow is less than above

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
E06.E0-86	Napa River	NW1/4 of SE1/4 S16, T6N, R4W, MD		---	Nov. 1 - Nov. 14 \geq 1.0 cfs Nov. 15 - Feb. 29 \geq 15 cfs Mar. 1 - May 31 \geq 10 cfs or the n.f. whenever flow is less than above, at the point of diversion
	23775	01-05-73	---	Curtis Ranches	

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number					
HYDROLOGIC UNIT - E0700 - SUISUN						
E07.B2-1	Wooden Valley Creek	SE1/4 of NW1/4 S15, T6N, R3W, MD	---	---	---	Nov. 1 - Mar. 31 \geq 3 cfs Apr. 1 - May 31 \geq 1.5 cfs or n.f. where flow is less than above
	25812	05-08-79	---	---	Calplans Premium Vineyards	
E07.B2-2	Suisun Creek	SW1/4 of NW1/4 S31, T6N, R2W, MD	---	---	---	Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - Apr. 30 \geq 3 cfs May 1 - Jun. 1 \geq 1 cfs or n.f. whenever flow is less than above
	24398	03-12-75	---	---	Brovelli, E. F. Jr.	
E07.B2-3	Suisun Creek	NW1/4 of NE1/4 S36, T6N, R3W, MD NE1/4 of NE1/4 S36, T6N, R3W, MD	---	---	---	Jan. 1 - Mar. 31 \geq 3 cfs Apr. 1 - May 1 \geq 1.5 cfs or the n.f. whenever flow is less than above
	17055 L07339	04-20-56	---	---	Howard E. Thompson	
E07.B2-4	Wooden Valley Creek	SE1/4 of NE1/4 S26, T6N, R3W, MD	---	---	---	Bypass \geq 1 cfs or the n.f. of the stream whenever flow is less than 1 cfs and greater than 0.25 cfs, past the point of diversion
	22920 L10640	10-06-67	---	---	Daniel J. McQueeney	
E07.B3-1	Gordon Valley Creek	NW1/4 of SW1/4 S28, T6N, R2W, MD	---	---	---	Oct. 1 - Aug. 1 \geq 0.5 cfs or n.f. where flow is less than above
	25770	08-07-79	---	---	Abruzzini, Alfred L.	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - F0000 - NORTH COAST					
HYDROLOGIC UNIT - F0100 - WINCHOCK RIVER					
F01.00-1	Gilbert Creek 13775 L04128	S5, T18N, R1W, H 09-23-54	---	Robert H. Stanhurst, Inc.	Apr. 1 - Jun. 30 \geq 150 gal/min or n.f. whenever flow is less than above, at the point of diversion
F01.00-2	Gilbert Creek 19171 L06878	SW1/4 of NE1/4 S5, T18N, R1W, HB 01-07-60	---	Robert Stanhurst, Inc.	Apr. 1 - Jun. 30 \geq 150 gal/min or n.f. whenever it is less than above, at the point of diversion

D-001744

D-001744

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	218 FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F0300 - SMITH RIVER					
F03.A1-3	Jordan Creek 17811 L07719	SE1/4 of NW1/4 S3, T16N, R1W, H 09-03-57	---	Braun & Helen Ferguson	Jun. 1 - Oct. 1 \geq 1 cfs or n.f. whenever flow is less than above, at the point of diversion
F03.A1-4	Smith River 25544	NE1/4 of SW1/4 S30, T17N, R1E, HB 05-24-78	---	James L. Cross, Ruby E. Cross	Bypass \geq 50% of n.f. at all times
F03.A1-5	Peacock Creek 23003 L10285	NW1/4 of NE1/4 S31, T17N, R1E, HB 03-07-68	---	Charles L. Thomerson	At all times bypass \geq 0.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
F03.A1-6	Rock Creek 25242	SW1/4 of NW1/4 S4, T16N, R1E, H 01-10-77	---	Fred M. Ramsey, Jr., Lavon M. Ramsey	Permittee shall not divert an amount greater than 1,000 gpd or 1/2 the stream flow, whichever is less

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F0500 - KLAMATH RIVER					
F05.A2-1	Willder Creek 22287A&B L10552	NW1/4 of SW1/4 S7, T11N, R6E, HB 09-06-66	----	----- Roger & Lonetta Williams, et al	Oct. 1 - May 31 \geq 1.5 cfs Jun. 1 - Sept. 30 \geq 0.5 cfs or the n.f., whenever flow is less than above, past the point of diversion
F05.B3-1	Jessups Gulch 24105	NW1/4 of NE1/4 S32, T40N, R11W, MD 10-30-72	----	----- Bundy, Brian Vance	Oct. 1 - July 31 \geq 0.5 cfs or n.f. where flow is less than above
F05.B3-2	Big Creek 25697	NE1/4 of NW1/4 S32, T40N, R12W, MD 11-13-79	----	----- Edward W. Kramer	Jan. 1 - Jul. 1 \geq 1 cfs or n.f. whenever flow is less than above
F05.B4-1	Knownothing Creek 25066	SW1/4 of NW1/4 S29, T10N, R8E, H 04-28-78	----	----- Santorius, Kathleen	Oct. 1 - Oct. 31 \geq 20 cfs Nov. 1 - May 31 \geq 29 cfs or n.f. where flow is less than above
F05.C1-1	Unnamed Trib. to Klamath River 25571	SW1/4 of NE1/4 S30, T15N, R7E, H 11-16-77	----	----- Albert C. Allard Wilma Jo Allard	Comply with Fish and Game Code Section 5937
F05.C3-1	Macks Creek 25790	SE1/4 of NW1/4 S1, T45N, R11W, MD 10-15-79	----	----- Linfoot, Charles S.	May 1 - May 31 \geq 1 cfs June 1 - June 30 \geq 0.5 cfs July 1 - Sept. 30 \geq 0.2 cfs Oct. 1 - Oct. 15 \geq 0.5 cfs or n.f. where flow is less than above

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement																																												
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant																																													
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F05.C4-1	Little Humbug Creek	SE1/4 of SE1/4 S13, T46N, R9W, MD		---	Jan. 1 - Mar. 31 \geq 3 cfs Apr. 1 - May 31 \geq 2 cfs Jun. 1 - Dec. 31 \geq 0.25 cfs or the n.f., whenever flow is less than above, at the point of diversion																																												
	23261	03-18-70	---	Klamath Highlands Mutual Water Co., Inc.																																													
F05.C6-1	Klamath River	S9, T47N, R5W, MD		Iron Gate Dam	Aug. 1 - Aug. 31 1000 cfs Sept. 1 - Apr. 30 1300 cfs May 1 - May 31 1000 cfs June 1 - July 31 710 cfs																																												
	17527	07-27-59	2082	Calif. Oregon Power Company (now Pacific Power and Light)																																													
F05.D2-1	Scott River	T43, R9W, MD		---																																													
	Riparian	00-00-78	---	Klamath National Forest	<table border="1"> <thead> <tr> <th>Month</th> <th>#1 (cfs)</th> <th>#2 (cfs)</th> </tr> </thead> <tbody> <tr><td>Jan.</td><td>200</td><td>226</td></tr> <tr><td>Feb.</td><td>200</td><td>226</td></tr> <tr><td>Mar.</td><td>200</td><td>226</td></tr> <tr><td>Apr.</td><td>150</td><td>276</td></tr> <tr><td>May</td><td>150</td><td>276</td></tr> <tr><td>June 1-15</td><td>150</td><td>134</td></tr> <tr><td>June 16-30</td><td>100</td><td>184</td></tr> <tr><td>July 1-15</td><td>60</td><td>132</td></tr> <tr><td>July 16-31</td><td>40</td><td>152</td></tr> <tr><td>Aug.</td><td>30</td><td>47</td></tr> <tr><td>Sept.</td><td>30</td><td>32</td></tr> <tr><td>Oct.</td><td>40</td><td>96</td></tr> <tr><td>Nov.</td><td>200</td><td>158</td></tr> <tr><td>Dec.</td><td>200</td><td>226</td></tr> </tbody> </table>	Month	#1 (cfs)	#2 (cfs)	Jan.	200	226	Feb.	200	226	Mar.	200	226	Apr.	150	276	May	150	276	June 1-15	150	134	June 16-30	100	184	July 1-15	60	132	July 16-31	40	152	Aug.	30	47	Sept.	30	32	Oct.	40	96	Nov.	200	158	Dec.	200
Month	#1 (cfs)	#2 (cfs)																																															
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#1 = correlative with riparian and direct diversion rights.

#2 = superior to dormant riparian rights and new appropriative rights.



Identity Number	Stream Name	Location		Diverston Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
F05.D2-2	Wildcat Creek	NW1/4 of SW1/4 S17, T40N, R8W, MD	---	---	June 1 - July 1 \geq 3 cfs or n.f. where flow is less than above
	24375	08-26-74	---	Hjertager, Erling H.	
F05.D2-3	Scott River	NE1/4 of SE1/4 S3, T43N, R9W, MD	---	---	Apr. 15 - Oct. 1 \geq 5 cfs or the n.f., whenever flow is less than above, at the point of diversion
	17997	02-11-58	---	Scott Valley Irrigation District	
	L07104				
F05.E0-1	Schulmeyer Gulch	NW1/4 of NE1/4 S27, T44N, R7W, MD SE1/4 of NW1/4 S27, T44N, R7W, MD	---	---	Mar. 1 - Oct. 31 each year release a minimum flow of 1 GPM from the domestic collection gallery located between two reservoirs into the unnamed stream. If no water is available from domestic system collection gallery all flows entering reservoirs shall be bypassed.
	24200	10-05-72	---	Siskiyou Co. Sportsmen's	
F05.H2-1	Butte Creek	SW1/4 of NE1/4 S10, T44N, R1W, MD	---	---	At all times bypass 10 cfs or the n.f. whichever is less, pass the point of diversion.
	23025	04-10-68	---	Butte Valley Irrigation District	
	L10776				

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number		
HYDROLOGIC UNIT - F0600 - TRINITY RIVER					
F06.A1-1	Campbell Creek	S6, T7N, R5E, H	---	---	2.5 cfs
	Riparian	05-15-81	---	Bureau of Indian Affairs	
F06.A2-1	Trinity River	S28, T7N, R5E, H	---	---	Jan. 1 - Dec. 31 \geq 500 gal/day
	24127	02-24-75	---	Roy Donald McIntosh	
	L10868				
F06.A2-2	Kirkham Creek	SW1/4 of NW1/4 S17, T7N, R5E, H	---	---	Comply with Fish and Game Code Section 5937
	26479	07-29-80	---	Clarence T. Knight and June F. Knight	
F06.A3-1	Hennessey Creek	NE1/4 of SW1/4 S10, T5N, R6E, H	---	---	Apr. 1 - Apr. 30 $>$ 0.50 cfs May 1 - May 31 \geq 0.30 cfs June 1 - June 30 \geq 0.20 cfs July 1 - July 31 \geq 0.15 cfs Aug. 1 - Sept. 30 \geq 0.10 cfs Oct. 1 - Oct. 20 \geq 0.20 cfs or n.f. where flow is less than above
	25307	11-08-78	---	Wiltse, Harold J.	
F06.A3-2	McDonald Creek	SW1/4 of SW1/4 S10, T5N, R6E, H	---	---	Jan. 1 - Dec. 31 \geq 75/gal./min. or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24689	05-15-79	---	Bushow, Ted	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
F06.A3-3	McDonald Creek	SW1/4 of NW1/4 S15, T5N, R6E, H	---	---	Jan. 1 - Dec. 31 \geq 75 gal./min. or n.f. where flow is less than above
	24837	10-31-78	---	Mock, Rick A.	To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F06.A3-4	McDonald Creek	SW1/4 of NW1/4 S15, T5N, R6E, H	---	---	Jun. 1 - Dec. 31 \geq 75 gal./min. or n.f. whenever flow is less than above
	24911	11-09-78	---	Harry Jensky	
F06.A3-5	McDonald Creek	SE1/4 of SW1/4 S15, T5N, R6E, H	---	---	Comply with Fish and Game Code Section 5937
	26401	06-05-80	---	Grover C. Jones & Elenor M. Jones	
F06.A3-6	Price Creek	SW1/4 of SW1/4 S5, T33N, R12W, MD	---	---	At all times bypass \geq 0.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
	13206	07-05-79	---	Richard R. Kennedy and Robert M.	
	L06038				
F06.A5-1	N. F. Trinity	NW1/4 of NW1/4 S29, T34N, R11W, MD	---	---	In order to provide drinking water and maintain riparian habitat for wildlife permittee shall divert water as needed from an open drinking trough at source spring.
	24839	07-17-75	---	Ira A. Parks Evelyn C. Parks	
F06.A5-2	Connor Creek	NE1/4 of NW1/4 S2, T33N, R11W, MD	---	---	Jun. 1 to Oct. 31 0.5 cfs or n.f. Nov. 1 to May 31 1.5 cfs or n.f.
	23079	07-02-78	---	Ted Brammer Glenn & Yvonne Legge	

D-001750

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Identity Number	Stream Name	Location	224		Diverslon Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number			
F06.A5-3	Connor Creek	NE1/4 of NW1/4 S2, T33N, R11W, MD	---		---	Jun. 1 - Oct. 31 \geq 0.5 cfs Nov. 1 - May 31 \geq 1.5 cfs or the n.f. whenever flow is less than above, past the point of diversion
	20866	07-23-62	---		Thomas Popyak	
	L08396					
F06.A5-4	Connor Creek	NW1/4 of NE1/4 S2, T33N, R11W, MD	---		---	Jun. 1 - Oct. 31 \geq 0.5 cfs Nov. 1 - May 31 \geq 1.5 cfs or the n.f., whenever the flow is less than above, past the point of diversion
	23314	07-17-59	---		Jack L. Stewart, Robert Stewart, William Stewart	
	L10894					
F06.A5-5	Canyon Creek	NW1/4 of SW1/4 S30, T35N, R10W, MD	---		---	At all times bypass 1/2 the natural flows of the stream past the point of diversion
	23612	---	---		Russel Fillmore	
	L10279					
	23613				John Keef	
	L10280					
	23614				James Cardwell	
	L10281					
23617				Ercell Harle		
L10282						
23620				Harlon Thomas		
L10283						

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F06.A5-6	Soldier Creek 16750 L11077	SE1/4 of NE1/4 S30, T33N, R10W, MD 11-28-55 ---	--- Jay M. Garner	Dec. 1 - Jan. 31 \geq 3 cfs Feb. 1 - Mar. 31 \geq 5 cfs Apr. - May 31 \geq 3 cfs Jun. 1 - Jun. 30 \geq 1.5 cfs Jul. 1 - Oct. 31 \geq 0.25 cfs Nov. 1 - Nov. 30 \geq 1.5 cfs or the n.f. for all periods whenever flow is less than above for that period
F06.B2-1	Olson Creek 24670	SE1/4 of NW1/4 S13, T3N, R6E, H 08-16-74 ---	--- David M. Mandez	Permittee shall construct a spring box and overflow facility which will assure a water supply for wildlife and grazing animals.
F06.B3-1	S. F. Trinity River 11407 L03487	NW1/4 of SW1/4 S29, T1S, T8E, H 07-27-51 ---	--- Lena Randolph	Bypass \geq 1 cfs at all times or n.f. whenever flow is less than above at the point of diversion
F06.B5-1	Philpot Creek 24989	SW1/4 of NE1/4 S11, T30N, R12W, MD 06-22-78 ---	--- Bower, Joseph	May 1 - May 31 \geq 250 gal./min. June 1 - June 30 \geq 50 gal./min. July 1 - Sept. 30 \geq 25 gal./min. Oct. 1 - Oct. 31 \geq 50 gal./min. or n.f. where flow is less than above

Identity Number	Stream Name	Location		226		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	
F06.B5-2	Trib. to Gardner Gulch	NE1/4 of NE1/4 S11, T30N, R12W, MD	---	---	---	Permittee shall construct and maintain a seepage and open container at the site of diversion. Container shall have capacity of 25 gallons and seepage must maintain flow of 15 GPD. Container shall be set in the ground and equipped with a simple spillway to provide water and riparian habitat for wildlife.
	24675	08-20-74	---	E. G. Smith		
F06.B5-3	E. F. Hayfork Creek	SE1/4 of SW1/4 S28, T31N, R10W, MD	---	---	---	Bypass at point of diversion \geq 1 cfs or the n.f., whenever flow is less than above
	22831	06-23-67	---	Harold W. Jackson		
	L10298					
F06.B5-4	Rusch Creek	NE1/4 of NW1/4 S31, T32N, R12W, MD	---	---	---	May 1 - Oct. 1 \geq 1.5 cfs or n.f. whenever flow is less than above, at the point of diversion
	21364	06-26-63	---	Erna Katherine Laffranchini		
	L08797					
F06.B5-5	Big Creek	SW1/4 of SE1/4 S30, T32N, R11W, MD	---	---	---	Nov. 1 - Jun. 30 \geq 15 cfs or the n.f. whenever flow is less than above, at the point of diversion
	22331	07-11-67	---	Trinity County WW, District 1		
F06.C1-1	Trinity River	S8, T33N, R8W, MD	---	---	---	Oct. 200 cfs Nov. 250 cfs Dec. 200 cfs Jan. - Sept. 150 cfs or n.f. Revised Recommended schedule per 19.
	16768	03-27-59	---	U.S.B.R.		

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
F06.C1-2	Grass Valley Creek	NE1/4 of NW1/4 S22 T32N, R8W, MD	---	---	---	Diversion only when flow is \geq 5 cfs or n.f. where flow is less than above
	25846	06-13-79	---	Department of Water Resources		To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F06.C2-1	Weaver Creek	NE1/4 of SW1/4 S18, T33N, R9W, MD	---	---	---	May 1 - May 31 \geq 15 cfs June 1 - June 30 \geq 10 cfs July 1 - July 31 \geq 2 cfs Aug. 1 - Sept. 30 \geq 1 cfs or n.f. where flow is less than above
	24558	09-25-78	---	Clavaran, Felix G.		
F06.C2-2	West Weaver Creek	NE1/4 of SW1/4 S12, T33N, R10W, MD	---	---	---	Apr. 15 - Oct. 15 \geq 1 cfs or n.f. where flow is less than above
	24694	06-13-75	---	E. M. & Neva L. Jackson		
F06.C2-3	West Weaver Creek	NW1/4 of NW1/4 S2, T33N, R10W, MD	---	---	---	At all times \geq 1.0 cfs or the n.f., whenever flow is less than above, at the point of diversion
	22634	11-30-67	---	Weaverville Community Services District		
F06.D0-1	Little Boulder Creek	NW1/4 of NE1/4 S11, T37N, R8W, MD	---	---	---	Nov. 1 - Apr. 30 \geq 0.5 cfs or n.f. where flow is less than above
	25943	07-15-80	---	Ball, May F.		
F06.D0-2	Swift Creek	NW1/4 of SW1/4 S18, T36N, R7W, MD	---	---	---	Nov. 1 - Jun. 15 \geq 6 cfs Jun. 16 - Oct. 31 \geq 2 cfs or the n.f. whenever flow is less than above below the point of diversion
	21607 21608 L10870	10-22-64	---	Trinity Center Mutual Water Co. Mary Scott Hamilton, Lynton Scott, et al		

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F06.D0-3	Davis Creek 20469 L08484	NE1/4 of NE1/4 S4, T35N, R8W, MD 11-06-61	---	--- Gordon Rae McCoy	Jul. 1 - Sept. 30 \geq 1 cfs Oct. 1 - Nov. 30 \geq 2.5 cfs Dec. 1 - Jun. 30 \geq 5 cfs or the n.f. whenever flow is less than above, at the point of diversion
F06.D0-4	Battle Creek 11122 L03702	SE1/4 of NE1/4 S2, T37N, R9W, MD 04-29-71	---	--- Cecil E. Bell	Bypass \geq 1 cfs at all times or n.f. whenever flow is less than above at the point of diversion

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F0800 - TRINIDAD					
F08.B0-1	Little River 23973	SW1/4 of SE1/4 S36, T8N, R1E, H 07-17-72	---	--- Georgia-Pacific Corporation	May 1 - Nov. 1 \geq 3 cfs or n.f. where flow is less than above
F08.B0-2	Luffenholtz Creek 24759	NE1/4 of SW1/4 S30, T8N, R1E, H 04-14-78	---	--- Trinidad, City of	Minimum flow 0.25 cfs except when natural flow is $<$ 0.85 cfs, diversion will be \leq 0.15 cfs or n.f. where flow is less than above

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F0900 - MAD RIVER					
F09.A0-1	Patrick Creek 14519 L04563	SE1/4 of NE1/4 S18, T7N, R1E, H 10-15-51	---	Edward Charles Bott	At all times bypass \geq 0.5 cfs or the n.f. whenever flow is less than above, at the point of diversion
F09.A0-2	Mad River 16454	S15, T6N, R1E, H ---	---	Humboldt Bay MWD Essex Diversion	Oct. 1 - Oct. 15 30 cfs or n.f. Oct. 16 - Oct. 31 50 cfs or n.f. Nov. 1 - Jun. 30 75 cfs of n.f. Aug. 1 - Aug. 31 40 cfs or n.f. Sept. 1 - Sept. 30 30 cfs or n.f.
F09.D0-1	Mad River 17291	S19, T1S, R7E, H 06-17-58	3430	Mathews Dam Humboldt Bay M.W.D.	At all times 5 cfs min. bypass.
F10.D0-1	Elk River 17536 L06798	NE1/4 of NE1/4 S27, T4N, R1W, H 04-02-57	---	Richard Billington	At all times bypass \geq 1 cfs or the n.f. whenever flow is less than above at the point of diversion
F10.D0-2	Jacoby Creek 23837 L10807	SE1/4 of SW1/4 S4, T5N, R1E, H 08-09-71	---	Atopak Development Corp.	At all times bypass \geq 1 cfs, to be measured by a staff gage, with the said measuring device to be properly maintained

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F1100 - EEL RIVER					
F11.A1-1	Strong's Creek 24954	NW1/4 of SE1/4 S36, T3N, R1W, H 11-01-77		--- Whitney, Eugene C.	May 1 - Sept. 30 \geq 0.20 cfs or n.f. where flow is less than above
F11.A1-2	Price Creek 15444 L05429	NE1/4 of SW1/4 S27, T2N, R1W, H 08-03-53	---	Robert E. Renner	At all times bypass \geq 0.5 cfs or n.f. whenever flow is less than above, at point of diversion
F11.C2-1	Grapewine Creek 25138	NE1/4 of SE1/4 S28, T2N, R15W, MD 07-09-80		--- Robertson, F. & Royce	Nov. 1 - Nov. 31 \geq 0.5 cfs Dec. 1 - Mar. 31 \geq the capacity of the 8 inch siphon pipe Apr. 1 - Oct. 31 bypass the flow entering the reservoir
F11.C2-2	East Branch of South Fork Eel River 14691 L05082	NW corner of Lot 6, S4, T5S, R4E, MD 02-28-52	---	Hulse-Kinsey Trust	At all times bypass \geq 1 cfs or the n.f. whenever flow is less than above, at the point of diversion
F11.C2-3	Sproul Creek 26323	NE1/4 of SE1/4 S34, T4S, R3E, H 05-08-80	---	Garberville Rotary Club	Comply with Fish and Game Code Section 5937

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number		
	License Number				
F11.C3-1	Tenmile Creek	NE1/4 of NW1/4 S35, T22N, R15W, MD	----	----	Bypass from May 1 - May 31 \geq 5 cfs Jun. 1 - Jun. 30 \geq 3 cfs Jul. 1 - Oct. 31 \geq 1 cfs or n.f. whichever is less
	26255	03-14-80	----	Lorraine R. Woodruff	
F11.C3-2	Cahto Creek	SW1/4 of NW1/4 S13, T21N, R15W, MD	----	----	At all times bypass \geq 1.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
	17809	08-30-57	----	Craig Weaver	
	L06938				
F11.C3-3	Mud Springs Creek	SW1/4 of SW1/4 S3, T21N, R15W, MD	----	----	Jun. 1 - Oct. 30 \geq 0.5 cfs Nov. 21 - May 31 \geq 5 cfs or n.f. whenever flow is less than above at the point of diversion
	18702	05-12-79	----	Cloverdale Redwood, partnership	
	L09916				
F11.F1-1	Willits Creek	S2, T18N, R14W, MD	----	----	Sept. - Mar. 15 cfs Apr. 10 cfs May - June 1.5 cfs July - Aug. .5 cfs or n.f.
	23038	02-28-74	----	Brooktrails Resort Imp. Dist.	
F11.F1-2	Outlet Creek	S19, T18N, R13W, MD	----	----	Bypass \geq 50 gal./min. or n.f. whenever flow is less than above, at the point of diversion
	11966	08-17-53	----	Phillip Colli	
	L03805				

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement																							
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant																									
F11.F1-3	James Creek	S33, T18N, R13W, MD		---		If storage of water authorized is on a stream naturally inhabited by fish, permittee shall accord to the public, for the purpose of fishing, reasonable access to the waters impounded by Morris Dam.																							
	25666	10-04-79	---	PGandE																									
F11.F1-4	Davis Creek	SW1/4 of NE1/4 S28, T18N, R13W, MD		---		May 1 - May 31 \geq 1 cfs or n.f. whenever flow is less than above at the point of diversion																							
	18677	04-29-59	---	William Bartow																									
	L09487																												
F11.F3-1	Eel River	S14, T18N, R10W, MD		Scott Dam		<table border="1"> <thead> <tr> <th rowspan="2">Water Yr.</th> <th colspan="3">Interim Flow Schedule</th> </tr> <tr> <th>Dry^{2/}</th> <th>Critical^{3/}</th> <th></th> </tr> <tr> <th>Normal</th> <th>2</th> <th>3</th> <th></th> </tr> <tr> <th>(cfs)</th> <th>(cfs)</th> <th>(cfs)</th> <th></th> </tr> </thead> <tbody> <tr> <td>Dec. 1-May 31</td> <td>100</td> <td>40</td> <td>20</td> </tr> <tr> <td>Jun. 1-Nov. 30</td> <td>60</td> <td>40</td> <td>20</td> </tr> </tbody> </table>	Water Yr.	Interim Flow Schedule			Dry ^{2/}	Critical ^{3/}		Normal	2	3		(cfs)	(cfs)	(cfs)		Dec. 1-May 31	100	40	20	Jun. 1-Nov. 30	60	40	20
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6594	00-00-79	77	PGandE																										
L05545																													

^{2/} See below F11.F3-2 Cape Horn Dam
^{3/} See below F11.F3-2 Cape Horn Dam

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement																																																											
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F11.F3-2	Eel River	S30, T18N, R11W, MD			Cape Horn Dam (Van Arsdale Dam)	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Interim Flow Schedule</th> </tr> <tr> <th>Water Yr. Normal (cfs)</th> <th>Dry^{2/} (cfs)</th> <th>Critical^{3/} (cfs)</th> </tr> </thead> <tbody> <tr><td>Nov. 1</td><td>12-100</td><td>8</td><td>5</td></tr> <tr><td>Dec. 4</td><td>12-100</td><td>8-60</td><td>5</td></tr> <tr><td>Jan. 4</td><td>100</td><td>8-60</td><td>5</td></tr> <tr><td>Feb. 4</td><td>100</td><td>60</td><td>5</td></tr> <tr><td>Mar. 1-15</td><td>200</td><td>60</td><td>5</td></tr> <tr><td>Mar. 16-31</td><td>200-150</td><td>60</td><td>5</td></tr> <tr><td>April 5</td><td>150-100</td><td>60</td><td>5</td></tr> <tr><td>May 5</td><td>100-12</td><td>60-8</td><td>5</td></tr> <tr><td>June</td><td>12</td><td>8</td><td>5</td></tr> <tr><td>July</td><td>12</td><td>8</td><td>5</td></tr> <tr><td>August</td><td>12</td><td>8</td><td>5</td></tr> <tr><td>Sept.</td><td>12</td><td>8</td><td>5</td></tr> <tr><td>Oct.</td><td>12</td><td>8</td><td>5</td></tr> </tbody> </table>		Interim Flow Schedule			Water Yr. Normal (cfs)	Dry ^{2/} (cfs)	Critical ^{3/} (cfs)	Nov. 1	12-100	8	5	Dec. 4	12-100	8-60	5	Jan. 4	100	8-60	5	Feb. 4	100	60	5	Mar. 1-15	200	60	5	Mar. 16-31	200-150	60	5	April 5	150-100	60	5	May 5	100-12	60-8	5	June	12	8	5	July	12	8	5	August	12	8	5	Sept.	12	8	5	Oct.	12	8	5
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2/ Dry year conditions are defined to exist when cumulative inflow to Lake Pillsbury beginning October 1 of each year is less than:

- 6,200 AF as of December 1
- 21,300 AF as of January 1
- 41,100 AF as of February 1
- 74,100 AF as of March 1
- 114,500 AF as of April 1
- 145,600 AF as of May 1
- 160,000 AF as of June 1

Inflow greater than the above will constitute a "normal" year.

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F11.F3-2 (Continued)					<p><u>3/</u> Critical year conditions are defined to exist when cumulative Inflow to Lake Pillsbury beginning October 1 of each year is less than:</p> <p>20,000 AF as of February 1 40,000 AF as of March 1 45,000 AF as of April 1 50,000 AF as of May 1</p>
F11.G2-1	Town Creek	SE1/4 of NW1/4 S2, T22N, R13W, MD	---	---	Nov. 15 - June 15 \geq 0.5 cfs or n.f., whenever flow is less than above at the point of diversion
	18136	05-12-58	---	Richard Alderson	
	L07347				
HYDROLOGIC UNIT - F1200 - CAPE MENDOCINO					
F12.G0-1	Telegraph Creek	NW1/4 of NW1/4 S10, T5S, R1E, HB	---	---	At all times bypass \geq 0.8 cfs or the n.f., whenever flow is less than above
	23708	04-21-72	---	Humboldt Resort Improvement District #1	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F1300 - MENDOCINO COAST					
F13-A3-1	Tenmile River 16108 L10247	Moveable point of diversion between limits as follows: SW1/4 of SW1/4 S35, T20N, R17W, MD NW1/4 of NW1/4 S3, T19N, R17W, MD 10-22-54	---	Henry R. Smith	At all times bypass \geq 7 cfs or the n.f., whenever flow is less than above, at the point of diversion
F13.A3-2	S. F. Tenmile River 16109 L07790	SE1/4 of NE1/4, S10, T19N, R17W, MD SW1/4 of NW1/4, S3, T19N, R17W, MD 10-22-54	---	Henry R. Smith	At all times bypass \geq 1 cfs or n.f., whenever flow is less than above, at the point of diversion
F13.B0-1	Noyo River 17345	SE1/4 of NE1/4 S9, T18N, R17W, MD 05-27-58	---	City of Fort Bragg	Oct. 1 - May 31 \geq 10 cfs June 1 - Sept. 30 \geq 3 cfs or the n.f., whenever flow is less than above, below the point of diversion into the streambed.
F13.C0-1	Slaughterhouse Gulch 26236	SE1/4 of SE1/4 S19, T17N, R17W, MD 02-27-80	---	Coast Associates, a partnership	Bypass from Jan. 1 - Dec. 31 \geq 5 gal./min. or n.f., whichever less
F13.D0-1	Marsh Creek 25173	NW1/4 of SW1/4 S18, T16N, R15W, MD 06-23-80	---	Richard B. Wells	Dec. 1 - Mar. 31 \geq 5 cfs or n.f. Pay to the D.F.&G. each year for the rearing and planting of 1,200 yearling steelhead, at a size of approx. six to ten fish per pound, in Marsh Creek.

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
F13.E0-1	Anderson Creek	NE1/4 of NW1/4 S2, T13N, R14W, MD	----	----	Mar. 1 - May 31 \geq 0.5 cfs or n.f. where flow is less than above
	24492	01-09-78	----	B. J. Carney and Company	
F13.E0-2	Robinson Creek	SW1/4 of SE1/4 S2, T13N, R14W, MD	----	----	Dec. 1 - Feb. 29 \geq 25 cfs Mar. 1 - May 31 \geq 10 cfs June 1 - Aug. 30 \geq 2 cfs or n.f. where flow is less than above
	24576	02-06-79	----	Johnson, Floyd	
F13.E0-3	Navarro River	SE1/4 of SE1/4 S11, T14N, R15W, MD	----	----	May 1 - May 30 \geq 20 cfs June - Nov. 1 \geq 8 cfs or n.f. where flow is less than above
	24525, 24526	12-17-74	----	Gowan, James C.	
F13.E0-4	Lazy Creek	SE1/4 of SW1/4 S35, T15N, R15W, MD	----	----	Nov. 1 - May 31 \geq 0.25 cfs June 1 - June 30 \geq 0.10 cfs or n.f. where flow is less than above
	24943	10-04-79	----	Anderson Valley Vineyards	
F13.E0-5	Lazy Creek	SW1/4 of NE1/4 S2, T14N, R15W, MD NE1/4 of NW1/4 S2, T14N, R15W, MD	----	----	Nov. 1 - Mar. 31 \geq 0.25 cfs Apr. 1 - Aug 30 \geq 0.1 cfs or n.f. where flow is less than above
	25060, 25061	06-19-79	----	Oswald, Hugo A.	
F13.E0-6	Anderson Creek	NE1/4 of NW1/4 S2, T13N, R14W, MD	----	----	Mar. 1 - May 31 \geq 0.5 cfs or n.f. where flow is less than above
	24323	09-09-78	----	B. J. Carney & Co.	

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Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
F13.E0-7	Navarro River	NW1/4 of SE1/4 S3, T14N, R15W, MD	---	---		Mar. 1 - May 30 \geq 20 cfs June 1 - Sept. 30 \geq 8 cfs or the n.f., whenever flow is less than above, past the point of diversion
	23120	08-28-68	---	Hugo S., Jr. and Beatrice S. Oswald		
	L10324					
F13.E0-8	Navarro River	SE1/4 of SE1/4 S11, T14N, R15W, MD	---	---		Apr. 1 - June 1 \geq 20 cfs or n.f. whenever flow is less than above
	24526	09-20-79	---	James C. Gowan		
F13.E0-11	Navarro River	SW1/4 of NW1/4 S11, T14N, R15W, MD	---	---		May 15 - May 31 \geq 20 cfs June 1 - Oct. 15 \geq 8 cfs or n.f., whenever flow is less than above at the point of diversion
	18052	03-17-68	---	Ed Meade, Inc. Oliver W. Winkler		
	L07284					
F13.E0-12	Indian Creek	NW1/4 of NW1/4 S20, T14N, R14W, MD	---	---		At all times release \geq 2 cfs or the n.f. whenever flow is less than above past the point of diversion
	21256	04-24-63	---	John W. Peterson		
	L09420					
F13.E0-13	Mill Creek	SW1/4 of SW1/4 S34, T15N, R15W, MD	---	---		At all times bypass \geq 0.25 cfs from June 1 - Nov. 1 or then n.f., whenever flow is less than above, below the point of diversion into the natural stream channel
	22463	05-12-66	---	John R. Dach		
	L09573					

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
F13.E0-14	Rancheria Creek	NW1/4 of NW1/4 S13, T12N, R13W, MD	---	---	Bypass all water flow in excess of 0.89 cfs from Apr. 1 to Oct. 31 of each year, at the site of diversion
	22870	08-02-67	---	Fred B. Galbreath	
	L10565				
F13.E0-15	Lazy Creek	SW1/4 of SW1/4 S35, T15N, R15W, MD	---	---	Nov. 1 - June 1 \geq 3 gal./min. or n.f. whenever flow is less than above
	24868A	02-20-80	---	Johann J. Kobler	
F13.F3-1	Mallo Pass Creek	SW1/4 of NW1/4 S31, T14N, R16W, MD	---	---	Nov. 15 - Feb. 29 \geq 10 cfs Mar. 1 - May 31 \geq 3 cfs or n.f. where flow is less than above
	24364	02-27-74	---	Moore Associates	
F13.H1-1	N. F. of Gualala River	NE1/4 of NW1/4 S23, T11N, R15W, MD	---	---	Nov. 15 - Feb. 29 \geq 40 cfs Mar. 1 - May 31 \geq 20 cfs June 1 - Nov. 14 \geq 4 cfs or n.f. whenever flow is less than above
	21883	12-13-78	---	North Gualala Water Company	
F13.H5-1	S. F. of Gualala River	NW1/4 of NE1/4 S21, T10N, R14W, MD	---	---	June 1 - Nov. 30 \geq 5 cfs Dec. 1 - Mar. 31 \geq 25 cfs Apr. 1 - May 31 \geq 10 cfs or the n.f., whenever flow is less than above, at the point of diversion
	22377	04-07-67	---	Sea Ranch Gas and Water Co.	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - F1400 - RUSSIAN RIVER					
F14.A1-1	Green Valley Creek 24761	SW1/4 of SE1/4 S7, T7N, R9W, MD 03-08-78	---	--- Iron Horse Ranch and Vineyard	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Mar. 31 \geq 10 cfs Apr. 1 - June 1 \geq 1 cfs or n.f. where flow is less than above
F14.A1-2	N. F. Lancel Creek 24827	SW1/4 of SE1/4 S22, T7N, R10W, MD 09-25-78	---	--- Blanchard, Olive Steltz	After initial filling of reservoir each season, bypass a minimum of 4,000 gal./day
F14.A1-3	Russian River 24865	SW1/4 of SW1/4 S29, T8N, R9W, MD 03-08-78	---	--- Norman, Edward F.	Diversion only when flow is \geq 125 cfs or n.f. where flow is less than above To be measured at nearest G.S.G.S. gaging station downstream of diversion point
F14.A1-4	Russian River 24887	NW1/4 of SE1/4 S22, T9N, R9W, MD 03-08-78	---	--- Remy, Walter R.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-5	Russian River 24905	SE1/4 of NW1/4 S21, T8N, R9W, MD 03-08-78	---	--- Allen, Howard B.	Diversion only when flow \geq 150 cfs or n.f. where flow is less than above To be measured at nearest G.S.G.S. gaging station downstream of diversion point

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
F14.A1-6	Russian River	NW1/4 of SW1/4 S15, T8N, R9W, MD	---	---	Diversion only when flow \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24892	09-29-79	---	Vimark, Inc.	
F14.A1-7	Russian River	NW1/4 of SE1/4 S22, T9N, R9W, MD	---	---	Diversion only when flow \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24889	09-27-77	---	Manfredi, Oina Quigley, Julie	
F14.A1-8	Russian River	NW1/4 of SE1/4 S22, T9N, R9W, MD	---	---	Diversion only when flow \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24908	10-06-77	---	Hooper, Marie B.	
F14.A1-9	Russian River	SW1/4 of SW1/4 S5, T7N, R10W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24921	05-10-78	---	Jensen, Arthur L.	
F14.A1-10	Russian River	NE1/4 of NE1/4 S33, T9N, R9W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24967	08-13-79	---	Louis J. Fopiano Ranches Inc.	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.A1-11	Russian River 24963	NE1/4 of NE1/4 S31, T8N, R10W, MD 05-10-78	---	---	Diversion only when flow is \geq 125 cfs n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-12	Russian River 24962	NW1/4 of SE1/4 S11, T7N, R11W, MD 03-08-78	---	PAP Development Co. Pender, Peter A.	Diversion only when flow is \geq 125 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-13	Russian River 25363	NW1/4 of SE1/4 S22, T9N, R9W, MD 09-07-79	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-14	Russian River 24947	NW1/4 of SE1/4 S22, T9N, R9W, MD 09-27-77	---	Babin, Norbert C. Miller, Robert P.	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.A1-15	Russian River 24931	NW1/4 of SW1/4 S27, T9N, R9W, MD 04-05-78	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
F14.A1-16	Russian River	NE1/4 of SE1/4 S27, T8N, R10W, MD	---	---	Diversion only when flow is \geq 125 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	25012	08-11-77	---	Read, Edward	
F14.A1-17	Russian River	SE1/4 of NW1/4 S21, T8N, R9W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	25010	08-11-77	---	Allen, Howard B.	
F14.A1-18	Russian River	SE1/4 of SE1/4 S33, T9N, R9W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24268	02-14-78	---	Sonoma Vineyards	
F14.A1-19	Russian River	NE1/4 of SE1/4 S4, T8N, R9W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24270	02-14-78	---	Sonoma Vineyards	
F14.A1-20	Russian River	NW1/4 of NW1/4 S17, T8N, R9W, MD	---	---	Permittee shall bypass all inflow after the initial filling of the reservoir each season
	25367	05-05-80	---	Alex R. Russell Lois J. Russell	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.A1-21	Russian River (underflow) 25393	NE1/4 of SW1/4 S16, T8N, R9W, MD 06-02-78	---	---	Diversion only when flows \geq 150 cfs or n.f., whenever flow is less than above. To be measured at nearest USGS gaging station downstream of diversion
				L. Martin Griffin	
F14.A1-22	Purrington Creek 12330 L03880	S19, T7N, R9W, MD 03-17-75	---	---	Bypass \geq 150 gal./min. or n.f. whenever flow is less than above, at the point of diversion
				Wallen G. Dutton, Jr.	
F14.A1-24	Russian River (underflow) 25076	NE1/4 of SE1/4 S29, T8N, R10W, MD 06-01-76	---	---	Divert only when the flow in the Russian River exceeds 125 cfs and only at a rate not exceeding said excess, ceasing all diversions when the flow in the river is 125 cfs or less as measured at the nearest USGS gage station
				Charles Fahlen Dorothy S. Fahlen	
F14.A1-25	Russian River (underflow) 24762	S33, T9N, R9W, MD 02-14-78	---	---	Diversion only when flows \geq 150 cfs or n.f. whenever flow is less than above. To be measured at nearest USGS gaging station downstream of diversion
				Sonoma Vineyards, Inc.	
F14.A1-26	Russian River (underflow) 24891	NE1/4 of SE1/4 S9, T8N, R9W, MD 10-21-81	---	---	\geq 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest USGS gaging station downstream of diversion
				Heinz Brothers Basalt Rock Company	

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Identity Number	Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date		Water Rights Applicant	
F14.A1-27	Russian River	NW1/4 of SE1/4 S22, T9N, R9W, MD	---	---	Diversion only when flows \geq 150 cfs or n.f. whenever flow is less than above. To be measured at nearest USGS gaging station downstream of diversion
	25021	04-04-78	---	Joseph Mate	
F14.A1-28	Russian River (underflow)	NE1/4 of NE1/4 S34, T9N, R9W, MD	---	---	Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
	24882	09-18-75	---	William Chaikin Helen D. Chaikin	
F14.A1-29	Russian River (underflow)	NE1/4 of SE1/4 S33, T9N, R9W, MD SE1/4 of SE1/4 S33, T9N, R9W, MD	---	---	Divert only when the flow in the Russian River is 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when the flow in the river is 150 cfs or less as measured at the nearest USGS gaging station
	24762	02-28-75	---	Sonoma Vineyards, Inc.	
F14.A1-30	Russian River (underflow)	SE1/4 of NE1/4, S33, T9N, R9W, MD	---	---	Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
	24968, 24969	01-06-76	---	Louis J. Foppiano Ranches, Inc.	
F14.A1-31	Russian River	SE1/4 of SE1/4 S21, T9N, R9W, MD	---	---	Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
	25394	06-15-77	---	Basalt Rock Co., Inc.	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number		
	License Number				
F14.A1-32	Russian River (underflow)	SE1/4 of SW1/4 S16, T8N, R9W, MD	---	---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest USGS gaging station)
	26233	02-26-80	---	John M. Belluc	
F14.A1-33	Russian River	NE1/4 of NW1/4 S21, T8N, R9W, MD	---	---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest USGS gaging station)
	23655	12-14-70	---	Neoma A. Rochloll Joe J. Rochloll, Jr.	
F14.A1-34	Russian River	NE1/4 of NE1/4 S16, T8N, R9W, MD SW1/4 of NE1/4 S16, T8N, R9W, MD	---	---	Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
	23639	11-02-70	---	Edge Hill Farms, Inc.	
F14.A1-39	W. F. of Atascadero Creek	NE1/4 of SW1/4 S5, T6N, R9W, MD	---	---	At all times bypass \geq 0.1 cfs or the n.f., whenever flow is less than above, at the point of diversion
	11315	03-13-46	---	Frederick W. Johnston	
	L03102				
F14.A2-1	Austin Creek (underflow)	NE1/4 of SW1/4 S34, T8N, R11W, MD	---	---	Nov. 1 - Nov. 30 \geq 8 cfs Dec. 1 - Feb. 28 \geq 25 cfs Mar. 1 - Apr. 30 \geq 8 cfs May 1 - Oct. 31 \geq 1 cfs or n.f. where flow is less than above
	25830	09-07-79	---	Sonoma County Mutual Water Co.	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
F14.A2-2	Austin Creek (underflow)	NW1/4 of NE1/4 S3, T7N, R11W, MD	---	---	Nov. 1 - Nov. 30 \geq 8 cfs Dec. 1 - Feb. 28 \geq 25 cfs Mar. 1 - Apr. 30 \geq 8 cfs May 1 - Oct. 30 \geq 1 cfs or n.f. where flow is less than above
	26113	09-16-80	---	Huckleberry Mutual Water Co.	
F14.A2-3	Austin Creek	NE1/4 of NW1/4 S34, T8N, R11W, MD	---	---	Nov. 1 - Nov. 30 \geq 8 cfs Dec. 1 - Feb. 28 \geq 25 cfs Mar. 1 - Apr. 30 \geq 8 cfs May 1 - Oct. 31 \geq 1 cfs or n.f. where flow is less than above
	25674	08-13-79	---	Sunrise Mountain Mutual Home Owners Ass., Inc.	
F14.B2-1	Santa Rosa Creek	SW1/4 of SW1/4 S13, T7N, R9W, MD	---	---	Apr. 15 - May 31 \geq 5 cfs or the n.f., whenever flow is less than above, past the point of diversion
	20920	08-30-62	---	Chris Ketelsen	
	L09406				
F14.B2-2	Santa Rosa Creek	SE1/4 of SW1/4 S18, T7N, R8W, MD	---	---	Apr. 15 - May 31 \geq 5 cfs or n.f. whenever flow is less than above, past the point of diversion
	21170	02-21-63	---	Travis Baggett	
	L09716				
F14.B2-3	Santa Rosa Creek	SE1/4 of SW1/4 S18, T7N, R8W, MD	---	---	Apr. 15 - May 31 \geq 5 cfs or n.f. whenever flow is less than above, past the point of diversion
	21148	02-04-63	---	Maude F. Robbins	
	L09113				

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.B2-4	Santa Rosa Creek 21156 L09500	NW1/4 of NW1/4 S20, T7N, R8W, MD 02-11-63	---	---	Mar. 1 - May 31 \geq 5 cfs or n.f. whenever flow is less than above, past the point of diversion
F14.B2-5	Santa Rosa Creek 15404 L10132	SE1/4 of SE1/4 S18, T7N, R8W, MD 07-07-53	---	Santa Rosa Flood Control Channel Harry Rasmussen	May 1 - May 31 \geq 5 cfs or n.f. whenever flow is less than above
F14.B3-1	Mark West Creek 24271	NW1/4 of SW1/4 S33, T8N, R9W, MD 06-22-78	---	---	Mar. 15 - Apr. 30 \geq 15 cfs May 1 - June 15 \geq 10 cfs June 16 - Nov. 1 \geq 3 cfs or n.f. where flow is less than above
F14.B3-2	Windsor Creek 13958 L05335	NW1/4 of SE1/4 S1, T8N, R9W, MD 11-07-56	---	---	Apr. 15 - Oct. 15 \geq 100 gal./min. or n.f. Oct. 16 - Apr. 14 \geq 0.5 cfs or n.f. whenever flow is less than above
F14.B3-3	Mark West Creek 14079 L09513	NE1/4 of NW1/4 S20, T8N, R7W, MD 11-30-50	---	---	Oct. 1 - June 15 \geq 0.5 cfs June 15 - Oct. 1 \geq 0.25 cfs or the n.f. whenever flow is less than above

Identity Number	Stream Name	Location		Divers ion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
F14.B3-4	Mark West Creek	SW1/4 of SE1/4 S28, T8N, R7W, MD	---	---	May 1 - May 31 \geq 3 cfs June 1 - Oct. 31 \geq .25 cfs or n.f. whenever flow is less than above past the point of diversion
	22038	02-05-65	---	Fred J. Wessa	
	L08672				
F14.B4-1	Russian River	NE1/4 of SW1/4 S28, T9N, R9W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion
	24924	03-29-78	---	Tolmasoff, Michael	
F14.B4-2	Dry Creek	SE1/4 of SE1/4 S27, T10N, R10W, MD	---	---	Mar. 15 - May 15 \geq 10 cfs or n.f. where flow is less than above
	24203	02-06-75	---	Lewis, Frank J.	
F14.B4-3	Dry Creek	NE1/4 of NE1/4 S32, T9N, R9W, MD	---	---	Apr. 1 - Sept. 1 \geq 10 cfs or n.f. where flow is less than above (Prior to time Dry Creek flow is regulated by Warm Springs Dam Project)
	24688	06-28-78	---	Blankenship, James D.	
F14.B4-5	Dry Creek	NE1/4 of NW1/4 S21, T10N, R10W, MD	---	---	Mar. 15 - June 30 \geq 10 cfs or the n.f. whenever flow is less than above
	22807	06-06-67	---	Emma R. Hallengren	
	L10043				

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.B4-6	Dry Creek (underflow) 22661 L09819	NW1/4 of SW1/4 S22, T10N, R10W, MD 12-15-66	---	---	Cease diversion from May 1 - Oct. 15 when surface flow of Dry Creek is less than 25 cfs at a point of diversion, once flow is regulated by Corps of Engineers Dry Creek Project
F14.B4-7	Dry Creek (underflow) 22359 L09838	NE1/4 of SW1/4 S22, T10N, R10W, MD 01-03-66	---	Jack & Suzanne Himmelwright	Cease diversion June 1 - Oct. 31 when surface flow of Dry Creek is less than 25 cfs at point of diversion, once flow is regulated by Corps of Engineers Dry Creek Project
F14.B4-8	Grape Creek 16163 L09846	NW1/4 of SW1/4 S2, T9N, R10W, MD 12-02-54	---	Allen C. Anderson	Nov. 1 - June 1 \geq 100 gal./min. or the n.f. whenever the flow is less than above, at the point of diversion
F14.B4-9	Dry Creek (underflow) 22929 L10591	NE1/4 of NE1/4 S21, T10N, R10W, MD 10-13-67	---	Sonoma Vineyards, Inc.	June 15 - June 30 \geq 10 cfs, prior to such time that the flow of the creek is regulated by the Warm Springs Dam Project
F14.B4-10	Mill Creek 11327 L03344	NE1/4 of NW1/4 S31, T9N, R9W, MD 01-03-80	---	Thomas Passalacqua	June 1 - Nov. 30 \geq 2 cfs or n.f. and 5 cfs or n.f. whichever is less for the remainder of the year

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
F14.B4-11	Mill Creek	NE1/4 of NW1/4 S31, T9N, R9W, MD	---	---	Bypass \geq 150 gal./min. at all times or n.f., whenever flow is less than above
	11327	01-03-80	---	Thomas Passalacqua	
	L03344				
F14.B4-14	Dry Creek	NW1/4 of NE1/4 S18, T10N, R10W, MD	---	---	Apr. 1 - Nov. 30 \geq 25 cfs
	19351	04-12-60	---	Sonoma County Water Agency	<u>Elevation of Dry Creek Reservoir from previous spring</u> 441.0 msl Dec. 1 - Mar. 31 \geq 75 cfs 431.0-440.9 msl Dec. 1 - Mar. 31 \geq 70 cfs 421.0-430.9 msl Dec. 1 - Mar. 31 \geq 60 cfs Below 421.0 msl Dec. 1 - Mar. 31 \geq 50 cfs
F14.B5-1	Russian River	NE1/4 of SE1/4 S19, T9N, R8W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion
	24051	08-22-78	---	Warnecke, John Carl	
F14.B5-3	Russian River	NW1/4 of SW1/4 S7, T9N, R8W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion
	25344	09-15-78	---	Keith, Richard L.	
F14.B5-4	Russian River	SE1/4 of SE1/4 S20, T10N, R9W, MD	---	---	Diversion only when flow exceeds 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24678	04-05-78	---	Sonoma Vineyards	

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Identity Number	Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date		Water Rights Applicant	
F14.B5-5	Russian River	SE1/4 of SW1/4 S12, T10N, R10W, MD	---	---	Diversion only when flow exceeds 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24791	04-14-78	---	Caskey, Charles F., Jr.	
F14.B5-6	Sausal Creek	SW1/4 of SE1/4 S25, T10N, R9W, MD	---	---	Apr. 1 - Apr. 30 \geq 10 cfs May 1 - May 31 \geq 7 cfs or n.f. where flow is less than above
	24518	09-12-75	---	Hafner, Richard and Mary	
F14.B5-7	Russian River	SW 1/4 of SW1/4 S1, T9N, R9W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24864	03-08-78	---	Larsen, Carter L.	
F14.B5-8	Russian River	NE1/4 of SE1/4 S2, T9N, R9W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24877	03-17-78	---	Spiegel, Hart H.	
F14.B5-9	Russian River	NE1/4 of SE1/4 S12, T10N, R10W, MD	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24894	03-08-78	---	Trione, Mark H.	

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant		
F14.B5-10	Russian River	NW1/4 of SE1/4 S28, T11N, R10W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24890	04-06-78	---	Palomino Lakes Mutual Water Co.		
F14.B5-11	Russian River	SE1/4 of NE1/4 S6, T11N, R10W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24909	03-08-78	---	Enerson, Gary E.		
F14.B5-12	Russian River	SE1/4 of NE1/4 S29, T11N, R10W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24912	06-15-78	---	Hiatt Mutual Water Co.		
F14.B5-13	Russian River	SE1/4 of NE1/4 S6, T11N, R10W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24919	03-08-78	---	McConnell, Elton R.		
F14.B5-14	Russian River	SE1/4 of NE1/4 S6, T11N, R10W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	25005	05-10-78	---	McPherson, Lottie L.		

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Identity Number	Stream Name	Location			Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
F14.B5-15	Russian River	SE1/4 of SE1/4 S28, T11N, R10W, MD	---			Diversion when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24993	08-02-79	---	Bruti, Bruno O.		
F14.B5-16	Russian River	SW1/4 of SE1/4 S18, T10N, R9W, MD	---			Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24972	03-08-78	---	Lopez, et al		
F14.B5-17	Russian River	SE1/4 of NE1/4 S12, T9N, R9W, MD	---			Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24958	03-14-78	---	Helmholz, August Carl		
F14.B5-18	Russian River	NE1/4 of NW1/4 S34, T11N, R10W, MD	---			Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24951	07-25-79	---	Sciani, Robert V.		
F14.B5-19	Russian River	SE1/4 of NW1/4 S23, T9N, R9W, MD	---			Diversion only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24935	03-08-78	---	Harris, Dennis E.		

Identity Number	Stream Name	Location		Diversions Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
F14.B5-20	Russian River	SE1/4 of SW1/4 S14, T9N, R9W, MD	---	---		Diversions only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24932	10-06-77	---	Potter, Jeanne M. Millard, Suzanne		
F14.B5-21	Russian River	SE1/4 of NE1/4 S6, T11N, R10W, MD	---	---		Diversions only when flow is \geq 150 cfs or n.f. where flow is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	25015	03-08-78	---	Lukas, Harold G.		
F14.B5-22	Bidwell Creek	SE1/4 of NW1/4 S20, T9N, R7W, MD	---	---		Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - Apr. 30 \geq 2 cfs May 1 - May 15 \geq 1 cfs or n.f. where flow is less than above
	25032	10-04-79	---	Fechter, Raymond E.		
F14.B5-23	Russian River	NE1/4 of NW1/4 S23, T9N, R9W, MD	---	---		Diversions only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	25207	11-09-78	---	Tibbs, Victor H.		
F14.B5-24	Russian River	SE1/4 of NE1/4 S6, T11N, R10W, MD	---	---		Diversions only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	25157	04-21-78	---	Hawkins, Bertha J.		

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F14.B5-25	Russian River 25154	SE1/4 of SW1/4 S27, T10N, R9W, MD 03-08-78	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-26	Russian River 25110	NE1/4 of NE1/4 S20, T11N, R10W, MD 09-11-77	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-27	Russian River 25084	SE1/4 of NW1/4 S23, T9N, R9W, MD 10-07-77	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-28	Russian River 24266	NE1/4 of NW1/4 S18, T10N, R9W, MD 01-27-78	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-29	Russian River 24269	NW1/4 of NE1/4 S12, T9N, R9W, MD 03-17-78	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Identity Number	Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date		Water Rights Applicant	
	License Number				
F14.B5-30	Russian River 24310A&B	SE1/4 of NE1/4 S34, T10N, R9W, MD 11-26-74	---	Franciscan Vineyards	Diversion only when flow is \geq 150 cfs or where n.f. is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.B5-31	Maacama Creek 13533 L05674	SE1/4 of NW1/4 S20, T9N, R8W, MD 04-09-70	---	Stephen A. Zellerbach	Apr. 15 - June 15 \geq 150 gal./min. or n.f. whenever flow is less than above, at the point of diversion
F14.B5-32	Maacama Creek 23902 L10573	SE1/4 of NE1/4 S8, T9N, R8W, MD 10-21-71	---	Barbara Foster	June 1 - Sept. 30 \geq 0.25 cfs or the n.f. of the stream, whenever flow is less than above, as measured by a said measuring device, immediately below the point of diversion
F14.B5-33	Maacama Creek 23790 L11080	SE1/4 of SE1/4 S17, T9N, R8W, MD 05-24-71	---	Margaret & T. Clifford Melim	Apr. 1 - May 31 \geq 1.5 cfs or the n.f., whenever flow is less than above
F14.B5-34	Franz Creek 22445 L09515	NW1/4 of SE1/4 S20, T9N, R8W, MD 04-11-66	---	John Ferrero	License may require, after notice to proper parties, bypass of fish flows, at this point of diversion, released from dams upstream that may be constructed in the future

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Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
F14.B5-35	Maacama Creek (underflow)	NE1/4 of NW1/4 S20, T9N, R8W, MD SW1/4 of NW1/4 S20, T9N, R8W, MD SE1/4 of NW1/4 S20, T9N, R8W, MD	02-05-58	---	Stephen Hawkes	May 1 - May 31 \geq 1.5 cfs or the n.f. whenever flow is less than above, at the points of diversion
	17978					
	L07230					
F14.B5-36	Maacama Creek	NE1/4 of SW1/4 S20, T9N, R8W, MD	05-19-65	---	Rudolph S. Malmgren	May 1 - May 31 \geq 1.5 cfs or n.f. whenever flow is less than above, at the point of diversion
	22156					
	L10262					
F14.B5-37	Maacama Creek	NW1/4 of NE1/4 S17, T9N, R8W, MD	03-05-64	---	Stephen A. Taylor	May 1 - May 31 \geq 1.5 cfs or n.f. whenever flow is less than above, at the point of diversion
	21674					
	L10528					
F14.B5-38	Russian River (underflow)	SE1/4 of SE1/4 S1, T9N, R9W, MD	04-17-70	---	Russell Green, Harry Wetzel	At all times bypass \geq 150 cfs or the n.f., whenever flow is less than above, at the point of diversion
	23212					
F14.B5-39	Russian River (underflow)	NW1/4 of NE1/4 S33, T10N, R9W, MD	04-14-78	---	Donald B. Mills	Diversion only when flows \geq 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest U.S.G.S. gaging station downstream of diversion
	25025					
F14.B5-40	Edwards Creek	NW1/4 of NE1/4 S26, T12N, R11W, MD	03-31-75	---	Haehl Ranch Vineyards	Jan. 1 - Mar. 15 \geq 5 cfs Mar. 16 - May 30 \geq 1 cfs or total n.f., whenever flow is less than above at point of diversion
	24790					

Identity Number	Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date		Water Rights Applicant	
	License Number				
F14.B5-41	Russian River (underflow)	SE1/4 of NE1/4 S6, T11N, R10W, MD	---	---	Divert only when flow in Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest U.S.G.S. gaging station)
	25028	03-24-76	---	Lottie L. McPherson	
F14.B5-42	Russian River	SW1/4 of SW1/4, S21, T11N, R10W, MD	---	---	Divert only when flow in Russian River exceed 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest U.S.G.S. gaging station)
	24899	10-14-75	---	Walter A. Tatge Dixie E. Tatge	
F14.B5-43	Russian River	NE1/4 of SE1/4 S12, T9N, R9W, MD	---	---	Divert only when flow in Russian River exceed 150 cfs and only at a rate not exceeding said excess, ceasing all diversion if flow is 150 cfs or less (flow measured at nearest U.S.G.S. gaging station)
	24269	12-22-72	---	Mark Michton	
F14.B5-44	Russian River (underflow)	NW1/4 of NE1/4 S2, T9N, R9W, MD SW1/4 of NE1/4 S2, T9N, R9W, MD	---	---	Divert only when the flow in the river is 150 cfs and only at a rate not exceeding an excess, ceasing all diversion when the flow in the river is 150 cfs or less as measured at the nearest U.S.G.S. gaging station
	24679	08-26-74	---	Sonoma Vineyards, Inc.	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement	
	Water Rights Application Number	Agreement Date	FERC Project Number			Water Rights Applicant
F14.B5-45	Russian River (underflow)	SW1/4 of NE1/4 S17, T11N, R10W, MD SE1/4 of NW1/4 S17, T11N, R10W, MD NE1/4 of SW1/4 S17, T11N, R10W, MD	09-30-75	---	Vimark, Inc.	Divert only when the flow in the river is 150 cfs and only at a rate not exceeding an excess, ceasing all diversion when the flow in the river is 150 cfs or less as measured at the nearest U.S.G.S. gaging station
	24893					
F14.B5-46	Russian River (underflow)	NW1/4 of NW1/4 S20, T11N, R10W, MD SW1/4 of NW1/4 S20, T11N, R10W, MD	02-23-78	---	S. Cloverdale Water Co.	Permittee shall divert only when the flow in Russian River exceeds 150 cfs and only at rate not exceeding said excess, ceasing all diversion when flow \geq 150 cfs. Flow measured at nearest U.S.G.S. gaging station on river.
	25682					
F14.B5-47	Russian River (underflow)	SW1/4 of SW1/4 S27, T11N, R10W, MD	11-10-75	---	Jack L. Black and Patricia Black	Divert only when flow exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow 150 cfs or less. Measured at nearest U.S.G.S. gaging station on river.
	24925					
F14.B5-48	Russian River (underflow)	NW1/4 of SW1/4 S27, T10N, R9W, MD	02-28-73	---	Franciscan Vineyards, Inc.	Divert only when flow exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow 150 cfs or less. Measured at nearest U.S.G.S. gaging station on river.
	24311A&B					
F14.B5-49	Russian River	NE1/4 of SW1/4 S2, T9N, R9W, MD	06-11-80	---	Thomas N. Jordan, Jr.	Divert only when flow exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow 150 cfs or less. Measured at nearest U.S.G.S. gaging station on river.
	26414					

Identity Number	Stream Name	Location		Diverson Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
F14.B6-1	Little Sulphur Creek	NE1/4 of NE1/4 S3, T10N, R9W, MD	---	---	At all times release \geq 2 cfs or the n.f., whenever flow is less than above, into the natural channel below the point of diversion
	22325	10-26-65	---	Ralph Bastin, Jr.	
	L09522				
F14.C1-1	Russian River	S34, T16N, R12W, MD	---	Coyote Valley Dam	Minimum flow of 25 cfs immediately below Coyote Valley Dam Minimum flow of 150 cfs at the junction between east and west forks of the Russian River or n.f. Minimum of 125 cfs in the channel of the Russian River throughout Zone 5 of the Sonoma Co. F.C.W.C.D.
	15779	08-21-59	---	Sonoma Co. WA	
	L07615				
F14.C1-2	Russian River	SE1/4 of NE1/4 S4, T14N, R12W, MD	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24014	08-11-80	---	Oswald, H. A., Jr.	
F14.C1-3	Russian River	NE1/4 of SE1/4 S25, T14N, R12W, MD	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	23446	11-19-74	---	King, Malcolm D.	

Identity Number	Stream Name	Location	262		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number		Agreement Date	FERC Project Number		
	License Number					
F14.C1-4	Russian River 23664	NE1/4 of SE1/4 S23, T14N, R12W, MD 08-04-78	---	---	Russian River Estates Corporation	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.C1-5	Russian River 25596	NE1/4 of SE1/4 S18, T13N, R11W, MD 11-05-79	---	---	East Sanel Irrigation Co.	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.C1-6	Feliz Creek 25749	NE1/4 of NW1/4 S23, T13N, R12W, MD 05-18-79	---	---	Hays, Wendell M.	Nov. 1 - Nov. 30 \geq 0.5 cfs Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 15 \geq 10 cfs or n.f. where flow is less than above
F14.C1-7	Russian River 24522	NE1/4 of SE1/4 S18, T13N, R11W, MD NE1/4 of SW1/4 S17, T13N, R11W, MD 07-12-78	---	---	Puccetti, F. K. and B. A.	At all times \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
F14.C1-8	Russian River 24617 L11173	SE1/4 of NW1/4 S10, T14N, R12W, MD 12-23-76	---	---	Turula Vineyards	Permit to divert only when flow is \geq 150 cfs or where n.f. is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point

Identity Number	Stream Name	Location		Diversioin Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant		
F14.C1-9	Russian River	SW1/4 of NE1/4 S25, T14N, R12W, MD	---	---		Diversioin permitted when flow exceeds 150 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversioin point
	24741	05-24-78	---	King, Malcolm D.		
F14.C1-11	McLure Creek	NW1/4 of NW1/4 S23, T15N, R12W, MD	---	---		Oct. 1 - Nov. 30 \geq .5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 30 \geq 1 cfs or n.f. where flow is less than above
	24898	09-04-78	---	Bartolome, Ray J.		
F14.C1-12	Russian River	SE1/4 of NE1/4 S4, T14N, R12W, MD	---	---		Diversioin only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversioin point
	25268	09-11-80	---	Oswald, H. A.		
F14.C1-13	Russian River	SW1/4 of SE1/4 S36, T14N, R12W, MD	---	---		Diversioin only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversioin point
	25822	11-18-80	---	Parducci Winery, Ltd.		
F14.C1-14	Coleman Creek	NW1/4 of NW1/4 S35, T13N, R11W, MD	---	---		Nov. 1 - Feb. 28 \geq 10 cfs Mar. 1 - May 31 \geq 3 cfs or n.f. where flow is less than above
	25888	04-28-80	---	Fitzgerald, Marian		
F14.C1-15	York Creek	SE1/4 of NE1/4 S32, T15N, R12W, MD	---	---		Jan 1 - Feb. 29 \geq 20 cfs Mar. 1 - May 31 \geq 10 cfs or n.f. where flow is less than above
	24359	10-10-74	---	Parducci Wine Cellars, Inc.		

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Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number				Water Rights Applicant	
	License Number					
F14.C1-16	McNab Creek	SE1/4 of NE1/4 S27, T14N, R12W, MD	---	---	---	Nov. 15 - Feb. 29 \geq 5 cfs Mar. 1 - May 30 \geq 2 cfs June 1 - June 15 \geq 0.5 cfs or n.f. where flow is less than above
	24139	05-24-78	---	---	Nelson and Sons	
F14.C1-17	Russian River	SE1/4 of NE1/4 S23, T14N, R12W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24140	05-24-78	---	---	Nelson and Sons	
F14.C1-18	Russian River	SE1/4 of NE1/4 S30, T13N, R11W, MD	---	---	---	Diversion only when flow is \geq 150 cfs or where n.f. is less than above To be measured at nearest U.S.G.S. gaging station downstream of diversion point
	24141	06-28-78	---	---	Hansen, Raymond W.	
F14.C1-19	Feliz Creek	SW1/4 of NW1/4 S24, T13N, R12W, MD	---	---	---	May 1 - May 31 \geq 1 cfs or the n.f., whenever flow is less than above
	23250	03-21-69	---	---	Kunde Corporation	
	L10624					
F14.C1-20	Russian River (underflow)	SE1/4 of SW1/4 S21, T15N, R12W, MD	---	---	---	When the rate of diversion exceeds 0.54 cfs, licensee shall divert only from the portion of the streamflow exceeding the minimum amounts specified in Board Order WR 74-30 as such amounts are recorded at the nearest U.S.G.S. gaging station on the river.
	23039	08-11-78	---	---	William S. Hildreth	
	L10399					

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Water Rights Applicant				
	License Number					
F14.C1-21	Ackerman Creek	SE1/4 of SW1/4 S6, T15N, R12W, MD			---	Nov. 1 - Nov. 30 \geq .5 cfs Dec. 1 - Feb. 29 \geq 10 cfs Mar. 1 - May 31 \geq 2 cfs June 1 - July 30 \geq .5 cfs or n.f. whenever flow is less than above
	24691	03-27-79	---		Beckstoffer Ranches, Inc.	
F14.C1-22	Fellz Creek	NE1/4 of NE1/4 S18, T13N, R12W, MD			---	Dec. 1 - Feb. 29 \geq 1 cfs June 1 - July 31 \geq 50 gal./min. Nov. 1 - Nov. 30 \geq 50 gal./min. or n.f. whenever flow is less than above
	25321	03-03-80	---		Eagle Rock Conservation Mutual Water Asso.	
F14.C1-23	Fellz Creek	SW1/4 of NE1/4 S15, T13N, R12W, MD			---	May 1 - June 15 \geq 50 gal./min. or n.f. whenever flow is less than above, at the point of diversion
	13633	06-26-52	---		Bobby J. & Geneva Kennedy	
	L03895					
F14.C1-24	W. F. Russian River	SW1/4 of NW1/4 S16, T16N, R12W, MD NW1/4 of NW1/4 S16, T16N, R12W, MD			---	May 30 - Nov. 1 \geq 5 cfs or the n.f. whenever flow is less than above, at the point of diversion
	21184	03-08-63	---		Verona Stinehoff	
F14.C1-25	Morrison Creek	SE1/4 of SE1/4 S11, T14N, R12W, MD			---	May 1 - May 31 \geq 1 cfs or the n.f. whenever flow is less than above, at the point of diversion
	21106	01-02-63	---		Donald H. Waddington	
	L08542					

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
F14.C1-26	W. F. Russian River	SE1/4 of SW1/4 S28, T16N, R12W, MD	---	---	Mar. 1 - May 15 \geq 10 cfs, or the n.f., whenever flow is less than above, to be measured by a staff gage, in which the said measuring device shall be properly maintained.
	23949	12-14-71	---	Robert T. Grider	
	L10897				
F14.C1-27	W. F. Russian River	NW1/4 of NW1/4 S16, T16N, R12W, MD	---	---	Mar. 1 - May 31 \geq 5 cfs or the n.f., whenever flow is less than above, past the point of diversion
	22277	08-31-65	---	Ernest E. Butow	
	L09945				
F14.C1-28	Russian River (underflow)	NW1/4 of NW1/4 S16, T15N, R12W, MD	---	---	\geq 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest U.S.G.S. gaging station downstream of diversion
	24820	04-14-78	---	Lin W. Ford	
F14.C1-29	Russian River (underflow)	Lots 45 and 71 of Yokayo Ranch and NW1/4 S32, T15N, R12W, MD	---	---	At all times bypass \geq 150 cfs or the n.f., whenever flow is less than above, at its point of diversion
	17232	03-26-63	---	Willow County Water District	
F14.C1-30	Russian River	NW1/4 of NW1/4 S25, T14N, R12W, MD	---	---	Diversion only when flow \geq 150 cfs or n.f. whenever flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion
	25850	09-14-79	---	Brian R. White	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
F14.C1-31	Russian River	NE1/4 of SW1/4 S10, T14N, R12W, MD	---	---	≥ 150 cfs or n.f. whenever flow is less than above. Flows measured at nearest U.S.G.S. gaging station downstream of diversion
	24789	03-29-78	---	Ukiah Vineyards Associates	
F14.C1-32	Russian River	SW1/4 of SW1/4 S14, T14N, R12W, MD NE1/4 of SE1/4 S15, T14N, R12W, MD NE1/4 of NE1/4 S15, T14N, R12W, MD	---	---	Diversion under this permit is authorized only at such times as the flow of Russian River at the point of diversion exceeds requirements for downstream prior rights plus 150 cfs
	20540	04-14-64	---	Hugo A. J. Oswald Jr. Beatrice S. Oswald	
F14.C1-33	Russian River	NW1/4 of NE1/4 S23, T14N, R12W, MD SW1/4 of SW1/4 S14, T14N, R12W, MD	---	---	Diversion may occur only at such times as the flow of Russian River at the point of diversion exceeds requirements for downstream prior rights plus 150 cfs
	20541	12-27-61	---	Hugo Oswald	
	L10329				
F14.C1-34	Russian River (underflow)	SE1/4 of NE1/4 S23, T14N, R12W, MD	---	---	At all times release ≥ 150 cfs or the n.f. whenever flow is less than above at point of diversion
	17624	10-18-63	---	Nelson & Sons, Inc.	
F14.C1-35	Russian River	S7, T13N, R11W, MD	---	---	Diversion only when flows ≥ 150 cfs or n.f. wherever flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion
	24763A	07-09-80	---	North Bay Vineyards	
F14.C1-36	Russian River	SW1/4 of SW1/4 S14, T14N, R12W, MD	---	---	Divert only when flow in the Russian River exceeds 150 cfs and only at a rate not exceeding said excess, ceasing all diversion when flow is 150 cfs or less
	24013, 24606	04-03-72	---	H. A. Oswald, Jr. Beatrice S. Oswald	

Identity Number	Stream Name	Location	268		Minimum Instream Flows Under Agreement
	Water Rights Application Number		Agreement Date	FERC Project Number	
F14.C1-37	Robinson Creek	NW1/4 of NW1/4 S7, T14N, R12N, MD	----	----	Apr. 1 - Apr. 30 bypass min. 10 cfs May 1 - May 31 bypass min. 3 cfs June 1 - June 30 bypass min. 0.5 cfs or total streamflow whenever it is less than designated amount
	24325A	03-15-73	----	AI Baltins, Deanna J. Baltins	

Identity Number	Stream Name	Location		Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement														
	Water Rights Application Number License Number	Agreement Date	FERC Project Number																
F14.C2-1	East Fork Russian River	S8, T16N, R11W, MD		Potter Valley Powerhouse	Interim Flow Schedule <table border="1"> <thead> <tr> <th>Water Yr.</th> <th>Dry</th> <th>Critical</th> </tr> <tr> <th>Normal (cfs)</th> <th><u>2/</u> (cfs)</th> <th><u>3/</u> (cfs)</th> </tr> </thead> <tbody> <tr> <td>May 5-Sept. 15</td> <td>75</td> <td>40</td> <td>20</td> </tr> <tr> <td>Sept. 16-May 14</td> <td>35</td> <td>35</td> <td>20</td> </tr> </tbody> </table>	Water Yr.	Dry	Critical	Normal (cfs)	<u>2/</u> (cfs)	<u>3/</u> (cfs)	May 5-Sept. 15	75	40	20	Sept. 16-May 14	35	35	20
Water Yr.	Dry	Critical																	
Normal (cfs)	<u>2/</u> (cfs)	<u>3/</u> (cfs)																	
May 5-Sept. 15	75	40	20																
Sept. 16-May 14	35	35	20																
---	---	00-00-79	77	PGandE															

2/ Dry year conditions are defined to exist when cumulative inflow to Lake Pillsbury beginning October 1 of each year is less than:

6,200 AF as of December 1
 21,300 AF as of January 1
 41,100 AF as of February 1
 74,100 AF as of March 1
 114,500 AF as of April 1
 145,600 AF as of May 1
 160,000 AF as of June 1

Inflow greater than the above will constitute a "normal" year.

3/ Critical year conditions are defined to exist when cumulative inflow to Lake Pillsbury beginning October 1 of each year is less than:

20,000 AF as of February 1
 40,000 AF as of March 1
 45,000 AF as of April 1
 50,000 AF as of May 1

Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number					
F14.C2-2	East Fork Russian River	NE1/4 of NW1/4 S20, T17N, R11W, MD	---	---	---	Mar. 1 - May 14 \geq 35 cfs May 15 - Sept. 14 \geq 75 cfs Sept. 15 - Nov. 1 \geq 35 cfs or n.f. where flow is less than above
	24481	03-08-78	---	---	Kirsch, Edwin J.	
F14.C2-3	East Fork Russian River	NE1/4 of NW1/4 S7, T17N, R11W, MD	---	---	Power House Canal	May 1 - May 14 \geq 35 cfs May 15 - Sept. 15 \geq 75 cfs Sept. 15 - Sept. 30 \geq 35 cfs or n.f. where flow is less than above
	24795	06-23-80	---	---	Fisher, William E.	
F14.C2-4	East Fork Russian River	NE1/4 of NE1/4 S32, T17N, R11W, MD	---	---	---	May 1 - May 14 \geq 35 cfs May 15 - Sept. 15 \geq 75 cfs Sept. 16 - Nov. 1 \geq 35 cfs or n.f. where flow is less than above
	24995	07-21-80	---	---	MacLennan, Bruce	
F14.C2-5	East Fork Russian River	SW1/4 of NE1/4 S5, T16N, R11W, MD	---	---	---	May 15 - Sept. 14 \geq 75 cfs Sept. 15 - Nov. 15 \geq 35 cfs or n.f. where flow is less than above
	26016	06-23-80	---	---	Gay, David P.	
F14.C2-6	East Fork Russian River	NE1/4 of NW1/4 S20, T17N, R11W, MD	---	---	---	Mar. 14 - May 14 \geq 35 cfs May 15 - May 31 \geq 75 cfs or n.f. where flow is less than above
	24318	04-21-78	---	---	Sindel, Loyd C.	
F14.C2-7	East Fork Russian River	SW1/4 of NW1/4 S6, T17N, R11W, MD	---	---	Power House Canal	June 1 - Aug. 15 \geq 75 cfs or n.f. where flow is less than above Frost Protection: Mar. 1 - May 14 \geq 35 cfs May 15 - May 30 \geq 75 cfs Sept. 15 - Nov. 1 \geq 35 cfs or n.f.
	24209	05-27-80	---	---	McFadden, Thomas J.	

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant		
	License Number					
F14.C2-8	Burright Creek	NE1/4 of SE1/4 S27, T17N, R11W, MD	---	---	---	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - Apr. 30 \geq 15 cfs May 1 - May 31 \geq .1 cfs Nov. 1 - Nov. 30 \geq .1 cfs June 1 - Sept. 30 diversion only during night time hours. During periods when flow is below designated level, may divert during night time hours.
	25880	09-26-80	---	Curtis Reichert		
F14.C2-9	Cold Creek	NE1/4 of SE1/4 S18, T16N, R11W, MD	---	---	---	Dec. 1 - June 1 \geq 2 cfs June 2 - Nov. 30 \geq 0.5 cfs or n.f. whenever flow is less than above, past the point of diversion
	17271	09-07-56	---	Charles Guntly		
	L07921					
F14.C2-10	E. F. Russian River	NE1/4 of SW1/4 S34, T16N, R12W, MD	---	---	---	The City of Ukiah's power project would utilize the same water released at Coyote Dam for municipal, irrigation, fish, and recreation needs. Thus there would be no need for additional water to be released
	25691	01-09-80	---	City of Ukiah		
F14.C3-1	Salt Hollow Creek	SE1/4 of NE1/4 S3, T16N, R12W, MD	---	---	---	Dec. 1 - Feb. 29 \geq 1 cfs Mar. 1 - Apr. 30 \geq 0.25 cfs or n.f. where flow is less than above
	24010	05-02-78	---	Webb, Roger P.		
F14.C3-2	Salt Hollow Creek	NW1/4 of SE1/4 S3, T16N, R12W, MD	---	---	---	Dec. 1 - Feb. 29 \geq 1.25 cfs Mar. 1 - Apr. 1 \geq 0.25 cfs or n.f. where flow is less than above
	25334	06-13-79	---	Foster, Kenneth L.		

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Identity Number	Stream Name	Location		Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number		
F14.C3-3	West Fork Russian River	NW1/4 of SW1/4 S28, T17N, R12W, MD	---	---	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - Apr. 30 \geq 0.5 cfs or n.f. where flow is less than above
	24488	01-27-78	---	Barra, Charles L.	
F14.C3-4	West Fork Russian River Unnamed Stream	SW1/4 of NE1/4 S29, T17N, R12W, MD	---	---	Diversion West Fork Russian River: Dec. 1 - Feb. 29 \geq 20 cfs Mar. 1 - Apr. 30 \geq 10 cfs Diversion unnamed stream: Dec. 1 - Feb. 29 \geq 5 cfs or n.f. where flow is less than above
	24725	04-05-78	---	Walt, Robert S.	
F14.C3-5	Salt Hollow Creek	NE1/4 of NE1/4 S9, T16N, R12W, MD	---	---	Oct. 1 - Nov. 30 \geq 0.25 cfs Dec. 1 - Feb. 29 \geq 2 cfs Mar. 1 - May 31 \geq 0.50 cfs or n.f. where flow is less than above
	24044	06-20-72	---	Lolonis Vineyard, Inc.	
	L11147				
F14.C3-6	Salt Hollow Creek	NW1/4 of SE1/4 S3, T16N, R12W, MD	---	---	Nov. 1 - Nov. 30 \geq 0.1 cfs Dec. 1 - Feb. 29 \geq 1.25 cfs Mar. 1 - May 1 \geq 0.25 cfs or n.f. where flow is less than above
	24996	01-12-79	---	Piffero, Ernest	
F14.C3-7	West Fork Russian River	NW1/4 of SE1/4 S31, T17N, R12W, MD	---	---	Jan. 1 - Feb. 29 \geq 1 cfs Mar. 1 - Apr. 30 \geq 0.2 cfs or n.f. where flow is less than above
	26022	08-11-80	---	Laughlin Way Vineyards	
F14.C3-8	Rocky Creek	SE1/4 of NE1/4 S19, T17N, R12W, MD	---	---	Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - May 15 \geq 2 cfs Frost Protection: Feb. 1 - Feb. 29 \geq 5 cfs or n.f. where flow is less than above
	26055	06-02-80	---	Wilson, John A.	

Identity Number	Stream Name	Location		Diversion Name		Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant		
F14.C3-10	West Fork Russian River Unnamed Stream 24405	SE1/4 of SW1/4 S28, T17N, R12W, MD 04-14-78	---	Whitley, Evelyn Cilburn		Dec. 15 - Feb. 29 \geq 2 cfs Mar. 1 - Apr. 30 \geq 0.5 cfs or n.f. where flow is less than above
F14.C3-11	W. F. Russian River Unnamed Stream 24104	SE1/4 of SE1/4 S31, T17N, R12W, MD 02-18-75	---	Solnilla, Olavi P.		Dec. 1 - Feb. 29 \geq 2 cfs Mar. 1 - June 1 \geq 0.25 cfs or n.f. where flow is less than above
F14.C3-12	West Fork Russian River Unnamed Stream 24126 L11003	NE1/4 of NW1/4 S33, T17N, R12W, MD 09-06-72	---	Brown, Donald		Dec. 1 - Feb. 29 \geq 5 cfs Mar. 1 - Apr. 30 \geq 1 cfs May 1 - June 1 \geq 0.25 cfs or n.f. where flow is less than above
F14.C3-13	West Fork Russian River 24244	SW1/4 of NE1/4 S32, T17N, R12W, MD 04-14-78	---	Barra, Peter D.		Apr. 1 - June 1 \geq 10 cfs or n.f. where flow is less than above
F14.C3-14	Forsythe Creek 21121 L09401	SE1/4 of SE1/4 S8, T16N, R12W, MD 01-16-63	---	Coyote Valley Band of Pomo Indians		May 1 - June 1 \geq 0.5 cfs or n.f. whenever flow is less than above, at the point of diversion
F14.C3-15	Forsythe Creek 16430 L06974	NE1/4 of SW1/4 S8, T16N, R12W, MD 06-21-55	---	Carl E. Peterson		May 15 - June 1 \geq 0.5 cfs or the n.f. whenever flow is less than above, at the point of diversion

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Identity Number	Stream Name	Location	Agreement Date	FERC Project Number	Diversions Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number				License Number	
F14.C3-16	West Fork Russian River	SE1/4 of SE1/4 S5, T16N, R12W, MD			----	Nov. 1 - May 31 \geq 5 cfs June 1 - June 30 \geq 1 cfs or n.f. whenever flow is less than above, at the point of diversion
	23737	09-20-71	----		William Neese, Floyd Rovera	
F14.C3-17	Forsythe Creek	SW1/4 of NE1/4 S7, T16N, R12W, MD			----	May 15 - July 15 $>$ 0.5 cfs or the n.f. whenever flow is less than above, at the point of diversion
	16347	04-22-81	----		B. A. Fetzer	
F14.C3-18	West Fork Russian River	SE1/4 of SE1/4 S29, T17N, R12W, MD			----	Mar. 1 - May 15 \geq 5 cfs or the n.f., whenever the flow is less than above, at the point of diversion
	23322	07-06-71	----		H & W Vineyards	
F14.C3-19	Unnamed Trib. to W.F. Russian River	SW1/4 to SE1/4 S33, T17N, R12W, MD			----	Dec. 1 - Feb. 29 bypass min. 3 cfs Mar. 1 - Mar. 15 bypass min. 0.5 cfs or total streamflow whenever it is less than designated amount
	24489	10-10-73	----		Louis C. Chappell Peggy Anne Chappell	
F14.C3-20	Unnamed Trib. to Salt Hallow Creek	NW1/4 of SE1/4 S3, T16N, R12W, MD			----	Nov. 1 - Nov. 30 bypass min. 0.1 cfs Dec. 1 - Feb. 29 bypass min. 1.25 cfs Mar. 1 - May 1 bypass min. 0.25 cfs Total streamflow bypassed whenever it is less than designated amount
	25740	05-16-78	----		Ernest & Linda Piffero	

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
HYDROLOGIC UNIT - F1500 - BODEGA					
F15.A0-1	Scotty Creek	S4, T6N, R11W, MD	---	---	Nov. - Jan. 10 cfs When reservoir storage equals 130 AF
	21991	05-27-66	---	Ocean Investments	
F15.A0-2	Salmon Creek	SE1/4 of SW1/4 S2, T6N, R10W, MD	---	---	Bypass \geq 30 gal./min. or n.f. whenever flow is less than above, at all times, at the point of diversion
	13304	03-29-76	---	Gerald Hansen	
	L04394				
F15.A0-3	N. Salmon Creek	NE1/4 of SW1/4 S12, T6N, R10W, MD	---	---	Bypass \geq 50 gal./min. or n.f. whenever flow is less than above, at the point of diversion
	12193	10-20-69	---	Herbert S. & Joan Edlich	
	L05168				
F15.A0-4	Salmon Creek	NW1/4 of SE1/4 S2, T6N, R10W, MD	---	---	May 15 - Oct. 15 \geq 30 gpm or the n.f. whenever flow is less than above
	23235	02-10-69	---	Eldred Horn	
	L10211				
F15.A0-5	Salmon Creek	SW1/4 of SE1/4 S34, T7N, R10W, MD	---	---	Only divert water when the natural surface flow of Salmon Creek exceeds 30 gpm at the county road crossing immediately downstream from licensee's point of diversion
	22689	01-13-67	---	Occidental Community Services District	
	L10244				

D-001802

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
F15.A0-6	Unnamed Trib. to Salmon Creek 12509 L03684	SE1/4 of NW1/4 S12, T6N, R10W, MD 05-13-48	---	---	Mildred Freund At all times bypass \geq 10 gpm of the n.f., whenever flow is less than above, at the point of diversion
F15.A0-7	Salmon Creek 25647	NE1/4 of SW1/4 S22, T6N, R10W, MD 07-09-80	---	---	Richard L. Hughes Jan. 1 - Feb. 29 \geq 15 cfs Mar. 1 - May 1 \geq 3 cfs or n.f. whenever flow is less than above
F15.D0-1	Stemple Creek 25068	NW1/4 of NE1/4 S19, T5N, R8W, MD 05-21-76	---	---	Alvin J. Hansen Divert only when flow of Stemple Creek is 1 cfs or more at Valley Ford Road

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - G0000 - NORTH LAHONTAN					
HYDROLOGIC UNIT - G0100 - EAST WALKER RIVER					
G01.CO-1	East Walker River	S34, T6N, R25E, MD		Bridgeport Reservoir	Apr. 1 - Sept. 30 50 cfs or n.f.
	1389	02-05-63	---	Walker River I.D.	Oct. 1 - Mar. 31 8 cfs normal year
	L09407				Oct. 1 - Mar. 31 Dry year 300 AF min. pool 8 cfs or n.f. 71,500 AF min pool 8 cfs required Dry year = April - July runoff of Walker River is 60% of normal based on average of May 1 forecasts of DWR
HYDROLOGIC UNIT - G0400 - WEST FORK CARSON RIVER					
G04.BO-1	Unnamed Spring (W. F. Carson River)	NW1/4 of NW1/4 S31, T11N, R19E, MD		---	May 1 - Nov. 1 \geq 500 gals/day or n.f. whichever less
	25306	03-28-77	---	John Lyons	
G04.BO-2	Unnamed Spring (W. F. Carson River)	NW1/4 of NW1/4 S31, T11N, R19E, MD		---	Apr. 1 - Nov. 1 bypass min. 500 gpd or total streamflow if less
	25291	03-10-77	---	Thelma S. Potter Phyllis J. Johnson	
G04.BO-3	Unnamed Spring (W. F. Carson River)	NW1/4 of NW1/4 S31, T11N, R19E, MD		---	Jan. 1 - Dec. 31 bypass min. 500 gpd or total streamflow if less
	24320	07-11-77	---	Sorensen's Subdivision Homeowner's, Inc.	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
G04.B0-4	Unnamed Spring (W. F. Carson River) 25345	NW1/4 of NW1/4 S31, T11N, R19E, MD 04-27-77	---	--- John J. Menges, V Virginia L. Menges Smith	Jan. 1 - Dec. 31 bypass min 500 gpd or total streamflow if less

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - G0500 - LAKE TAHOE					
G05.A0-2	Coyote Creek 19629	NW1/4 of SW1/4 S25, T12N, R17E, MD 05-06-64	---	---	At all times release into the natural channel of Coyote Creek, immediately below Coyote Dam, \geq 0.25 cfs or the n.f., whenever flow is less than above
	L5009			Tahoe Paradise Water & Gas Co.	
G05.A0-3	Glen Alpine Creek 15510 L5009	NE1/4 of NE1/4 S19, T12N, R17E, MD 1953	---	Heather Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 141.75 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the channel of the unnamed stream below Heather Lake, thence Glen Alpine Creek to its confluence with Fallen Leaf Lake
G05.A0-4	Glen Alpine Creek 15507 L5007	SE1/4 of SW1/4 S17, T12N, R17E, MD 1953	---	Susie Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 99 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: The natural channel of the unnamed stream below Susie Lake, thence Glen Alpine Creek to its confluence with Fallen Leaf Lake

Identify Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
G05.A0-5	Glen Alpine Creek	SE of SE S8, T12N, R17E, MD		Gilmore Lake	Total of 295 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Gilmore Lake, thence Glen Alpine Creek to its confluence with Fallen Leaf Lake
	15508	1953	---	U. S. Forest Service	
	L5008			Tahoe Basin Management Unit	
G05.A0-6	Taylor Creek Riparian	NE1/4 of NE1/4 S2, T12N, R17E, MD 1951		--- USDA Forest Service Tahoe Basin Management Unit	For normal or wet year; minimum flows Oct. 8 - Oct. 31 \geq 25 cfs Nov. 1 - Nov. 15 \geq 15 cfs Nov. 16 - Nov. 30 \geq 10 cfs Dec. 1 - Feb. 28 \geq 10 cfs Mar. 1 - Mar. 31 \geq 15 cfs Apr. 1 - June 30 \geq 25 cfs Jul. 1 - Jul. 15 \geq 20 cfs Jul. 16 - Jul. 31 \geq 10 cfs Aug. 1 - Oct. 7 \geq 10 cfs For dry year; (Minimum Flows) Oct. 8 - Oct. 31 \geq 10 cfs Nov. 1 - Nov. 15 \geq 10 cfs Nov. 16 - Nov. 30 \geq 5 cfs Dec. 1 - Feb. 28 \geq 7 cfs Mar. 1 - Mar. 31 \geq 7 cfs Apr. 1 - June 30 \geq 10 cfs July 1 - July 15 \geq 10 cfs July 16 - July 31 \geq 7 cfs Aug. 1 - Oct. 7 \geq 3-4 cfs

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
G05.A0-7	Fallen Leaf Lake	NE1/4 of NE1/4 S2, T12N, R17E, MD		---	6,800 afa storage. Approximate diversion for storage is between Dec. 1 and June 30
	Riparian	1895	---	USDA Forest Service Tahoe Basin Management Unit	
G05.A0-8	Taylor Creek	NW1/4 of NW1/4 S36, T13N, R17E, MD		---	Jan. - Dec. 5.0 cfs
	Riparian	1969	---	USDA Forest Service Tahoe Basin Management Unit	
G05.A0-9	Cascade Creek	NW1/4 of NE1/4 S5, T12N, R17E, MD		Azure Lake	Total of 150 afa to be collected from about Nov. 1 of each year to about July 31 of the succeeding year. Use: In the natural channel of Cascade Creek below Azure Lake.
	Riparian	1940	---	USDA Forest Service Tahoe Basin Management Unit	
G05.A0-10	Unnamed Trib. to Truckee River	NW of SW S34, T12N, R17E, MD		Ralston Lake	Total of 133 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Ralston Lake thence Upper Truckee River to its confluence with Lake Tahoe
	18295	1958	---	U. S. Forest Service Tahoe Basin Management Unit	
	L7355				

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
G05.A0-11	Unnamed Trib. to Upper Truckee River 15502 L6059	SE of NW S5, T10N, R18E, MD 1953	---	Dardanelles Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 63 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Dardanelles Lake thence Upper Truckee River to its confluence with Lake Tahoe
G05.A0-12	Unnamed Trib. to Upper Truckee River 15504 L6060	S5, T10N, R18E, MD 1953	---	Showers Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 30.5 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Dardanelles Lake thence Upper Truckee River to its confluence with Lake Tahoe
G05.A0-13	Unnamed Trib. to Upper Truckee River 15505 L6028	S4, T10N, R18E, MD 1953	---	Round Lake U. S. Forest Service Tahoe Basin Management Unit	Total of 290 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the natural channel of the unnamed stream below Round Lake thence Upper Truckee River to its confluence with Lake Tahoe

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
G05.B0-1	Eagle Creek	SW1/4 of NW1/4 S6, T12N, R17E, MD		Dicks Lake	Total of 295 afa to be collected from about Dec. 1 of each year to about July 1 of the succeeding year. Use: In the channel of Eagle Creek below Dicks Lake to its confluence with Emerald Bay
	15511	1953	---	U. S. Forest Service Tahoe Basin Management Unit	
	L5010				
G05.B0-2	Meeks Creek	NW1/4 of NE1/4 S12, T13N, R16E, MD SW1/4 of SE1/4 S7, T13N, R17E, MD		Crag Lake and Stonyridge Lake	Total of 189.5 afa to be collected from about Mar. 1 to about July 1 of each year as follows: - 125 afa in Stonyridge Lake - 64.5 afa in Crag Lake Use: The natural channel of Meeks Creek from Stonyridge Dam within SWSE of S7, T13N, R17E, MDB&M, to the point of discharge of said creek into Lake Tahoe
	13982	1950	---	U. S. Forest Service Tahoe Basin Management Unit	
	L4309				
G05.B0-3	Eagle Creek	SW1/4 of SE1/4 S30, T13N, R17E, MD		Lower Velma Lake	Total of 85 afa to be collected between Jan 1 to Dec. 31. Use: In the channel of the unnamed stream below Lower Velma Lake thence Eagle Creek to its confluence with Lake Tahoe
	Riparian	1950	---	USDA Forest Service	
G05.B0-4	Unnamed Stream	NE1/4 of NE1/4 S1, T12N, R16E, MD		Fontanillis Lake	Total of 155 afa to be collected between Jan. 1 and Dec. 31. Use: The natural channel below Fontanillis Lake thence unnamed stream below Upper Velma Lake
	Riparian	1940	---	USDA Forest Service Tahoe Basin Management Unit	

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
G06.B0-1	Unnamed Trib. to Martis Creek 22822	SE1/4 of NW1/4 S2, T16N, R16E, MD 10-28-69	---	Trimont Water Company	As measured at point of diversion: Normal Year: At all times release \geq 1 cfs or n.f. If < 1 cfs Dry Year: At all times release \geq 0.66 cfs or n.f. If < 0.66 cfs Dry year occurs when \leq 18 Inches of precipitation occurs at Truckee Ranger Station Critical Dry Year occurs when \leq 15 Inches of precipitation occurs at Truckee Ranger Station Nov. 1 - May 31 release \geq 0.66 cfs or n.f. If < 0.66 cfs June 1 - June 30 release \geq 0.33 cfs or n.f. If < 0.33 cfs July, Aug. and Sept. release n.f. Oct. 1 - Oct. 31 release \geq 0.33 cfs of n.f. If < 0.33 cfs
G06.B0-2	Martis Creek 18409 L09685	NE1/4 of SE1/4 S35, T17N, R16E, MD 11-13-58	---	S. G. Herrick Corp.	Dec. 1 - May 1 \geq 2 cfs or n.f. whenever flows is less than above, at point of diversion
G06.B0-3	Hofert Springs 22573	NW1/4 of NE1/4 S8, T17N, R16E, MD 09-25-68	---	Tahoe-Donner PUD	At all times \geq 0.5 cfs or the n.f., whenever flow is less than above, in Trout Creek. This flow is to be measured immediately below the confluence of the stream leading from Hofert Spring and Trout Creek

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - G0700 - LITTLE TRUCKEE RIVER					
G07.00-1	Little Truckee	S28, T19N, R17E, MD		Stampede Reservoir	Sept. 30 - Mar. 30 15 cfs Apr. 1 - Apr. 15 75 cfs Release of 30 cfs year round for Boca Reservoir
	---	---	---	U.S.B.R.	
G07.00-2	Perazzo Canyon	NE1/4 of NE1/4 S17, T19N, R15E, MD		---	Apr. 1 - June 1 \geq 10 cfs and at all other times \geq 5 cfs or the n.f., whenever flow is less than above, past the point of diversion
	22266	06-28-67	---	Mt. Lola Development	
G07.00-3	Unnamed Trib. to Weber Lake	NE1/4 of SE1/4 S20, T19N, R14E, MD		---	Dec. 15 - June 30 \geq 1.5 cfs or n.f. whenever flow is less than above
	21955	11-10-64	---	Jean Pierre Borderre Velma C. Clark	
	L09692				
HYDROLOGIC UNIT - G0800 - SUSANVILLE					
G08.00-1	Willow Creek	NW1/4 of SW1/4 S18, T30N, R14E, MD		---	Release into Willow Creek immediately below the Lower Dam 10 cfs or n.f.
	25917	05-13-81	---	Belfast Ranch	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - T0000 - CENTRAL COAST					
HYDROLOGIC UNIT - T0400 - BIG BASIN					
T04.A1-1	Laguna Creek 19238 L07800	SW1/4 of NW1/4 S12, T11S, R3W, MD 02-16-60	---	--- Ello Rodoni	Jan. 1 - May 1 \geq 2.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
T04.A1-3	Liddell Creek Spring #2 24666	NE1/4 of NW1/4 S36, T10S, R3W, MD 12-08-76	---	--- Lone Star Ind., Inc.	May 1 - Oct. 31 \geq .5 cfs Nov. 1 - Apr. 30 \geq .4 cfs .5 cfs or n.f. all year round
T04.A2-1	Newell Creek 17913 L09847	S34, T9S, R2W, MD 08-04-66	---	Loch Lomond Dam City of Santa Cruz	1 cfs
T04.A2-2	San Lorenzo River 23710	S22, T10S, R2W, MD 07-23-73	---	Felton Diversion Dam City of Santa Cruz	Oct. - Oct. 31 25 cfs or n.f. Nov. 1 - May 31 20 cfs or n.f.

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
T04.A2-4	Kings Creek 22412 L08935	SE1/4 of SE1/4 S6, T9S, R2W, MD 03-07-66	---	--- Mount Diablo Council	Release \geq 1 cfs over dam during the diversion season or the n.f., whenever flow is less than above, and shall concentrate low flows over the dam so as to provide for fish life
T04.A2-5	Hare Creek 24172	NE1/4 of NE1/4 S15, T9S, R3W, MD 05-01-81	---	--- Big Basin Water Co. Culligan, Thomas Nagilluc, Inc.	Nov. 16 - Apr. 30 \geq .5 cfs or the n.f. whichever is less May-1 - Nov. 15 \geq .05 cfs
T04.A2-6	Mountain Charlie Gulch 24570	SE1/4 of SW1/4 S20, T9S, R1W, MD SW1/4 of NW1/4 S20, T9S, R1W, MD 03-04-74	---	--- Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. 0.01 cfs or n.f. if less
T04.A2-7	Mountain Charlie Gulch 24570	SW1/4 of SW1/4 S29, T9S, R1W, MD 03-04-74	---	--- Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. of 0.01 cfs or n.f. if less
T04.A2-8	Miller Creek 24570	NE1/4 of NE1/4 S19, T9S, R1W, MD SW1/4 of NE1/4 S19, T9S, R1W, MD 03-04-74	---	--- Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. 0.01 cfs or n.f. if less
T04.A2-9	Miller Creek 24570	SW1/4 of SW1/4 S17, T9S, R1W, MD 03-04-74	---	--- Mt. Charlie Water Works, Inc.	Apr. 1 - Oct. 31 bypass min. 0.01 cfs or n.f. if less

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
T04.A3-1	Soquel Creek 17851 L06577	NW1/4 of SE1/4 S15, T11S, R1W, MD 10-17-57	---	--- City of Capitola	May 1 - May 30 \geq 1 cfs through the Soquel Lagoon outlet flume, or the n.f. whenever flow is less than above. This requirement may be disregarded at times when the sand bar separating the lagoon from the ocean is bridged by n.f. of not less than 3 cfs
T04.A3-2	Soquel Creek 17838 L06577	NW1/4 of SE1/4 S3, T11S, R1W, MD 10-01-57	---	--- Justin J. Jarratt	Dec. 1 - June 1 \geq 15 cfs June 1 - Dec. 1 \geq 4 cfs or the n.f. whenever flow is less than above, at the point of diversion
T04.A3-3	Soquel Creek 16586 L06286	NE1/4 of SE1/4 S34, T10S, R1W, MD 09-06-55	---	--- Lino Leporini	Dec. 1 - June 1 \geq 15 cfs June 1 - Dec. 1 \geq 4 cfs or the n.f. whenever flow is less than above at the point of diversion
T04.B0-1	Green Oaks Creek and Ano Nuevo 25709	SE1/4 of NE1/4 S29, T9S, R4W, MD 11-06-80	---	--- Capitola Investments	At all times bypass \geq 1 cfs at point of diversion on Ano Nuevo Creek or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point

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Identity Number	Stream Name	Water Rights Application Number	Location	Diversion Name		Minimum Instream Flows Under Agreement
	License Number	Agreement Date	FERC Project Number	Water Rights Applicant		
T04.B0-2	Whitehouse Creek	25652 25654 25656	NE1/4 of SW1/4 S8, T9S, R4W, MD SE1/4 of NE1/4 S8, T9S, R4W, MD SE1/4 of NW1/4 S8, T9S, R5W, MD	---	Char, Theodore Lum, Richard Shima, Chuck Yonaoshi, Albert	At all times bypass ≥ 1 cfs or n.f. where flow is less than above. To be measured at nearest U.S.G.S. gaging station downstream of diversion point
T04.B0-3	Gazos Creek	25662	SW1/4 of NW1/4 S12, T9S, R5W, MD	---	Muzzi, Emma	Dec. 1 until the first storm of the season: ≥ 1 cfs. After first storm that raises creek flow above 4 cfs and until Mar. 1: ≥ 1 cfs Do not divert when creek is flowing between 4 and 7.5 cfs Mar. 1 - Mar 31 ≥ 7.5 cfs Apr. 1 - May ≥ 3 cfs or n.f. where flow is less than above
T04.B0-4	Gazos Creek	25958	SW1/4 of NW1/4 S12, T9S, R5W, MD	---	Campbell Soup Company	Dec. 1 - Feb. 29 ≥ 1 cfs and no diversion when creek is flowing between 4.0 and 7.5 cfs Mar. 1 - Mar. 31 ≥ 7.5 cfs Apr. 1 - Apr. 30 ≥ 3 cfs or n.f. where flow is less than above
T04.B0-7	Unnamed Trib. to Whitehouse Creek	25657	SW1/4 of NE1/4 S18, T9S, R4W, MD	---	Theodore Char, Chuck Shima, Richard Lum, Albert Yonashi A Partnership	For the protection of fish and wildlife, permittee shall not divert from the unnamed tributary to Whitehouse Creek when stream-flow in Whitehouse Creek, at a point immediately downstream from the confluence of the unnamed tributary and Whitehouse Creek is 1 cfs or less

Identity Number	Stream Name	Location		290		Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Diversion Name	Water Rights Applicant	
T04.B0-8	Cascade Creek 25655	NW1/4 of NW1/4 S17, T9S, R4W, MD SE1/4 of SE1/4 S17, T9S, R4W, MD 01-26-78	---	---	Theodore Char, Chuck Shima, Richard Lum, Albert Yonashi A Partnership	For the protection of fish and wildlife of the Cascade Creek drainage, permittee shall not divert to storage when streamflow in Cascade Creek at a point 2,500 feet downstream from Highway 1 is 1 cfs or less
T04.B0-9	Cascade Creek 25658 25659 25655	SE1/4 of NE1/4 S20, T9S, R4W, MD SE1/4 of NW1/4 S20, T9S, R4W, MD 01-26-78	---	---	Theodore Char, Chuck Shima, Richard Lum, Albert Yonashi A Partnership	At all times bypass a minimum of 1 cfs at the point of diversion from Cascade Creek. The total streamflow shall be bypassed whenever it is less than the designated amount

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - T0500 - PAJARO RIVER					
T05.A0-1	Diablo Gulch (Trib. to Corralitos Creek) 23976	NW1/4 of NE1/4 S24, T10S, R1E, MD 01-31-72	---	---	No diversion shall be made during month of May at any time when flow in Corralitos Creek at U.S.G.S. gaging station "near Corralitos" and the diversion of City of Watsonville made upstream from that point is less than 4 cfs
T05.B0-1	Uvas Creek 13886 L06422	S18, T10S, R3E, MD 12-06-56	---	Uvas Reservoir South Santa Clara Valley W.C.D.	Dec. 15 - Apr. 30 20 cfs May 1 - Dec. 14 10 cfs Dry Year = If storage <11,000 ac-ft. by Apr. 16, flow release shall be proportionately reduced until next Apr. 16.
T07.00-1	San Clemente Creek 19801 L08094	SW1/4 of NW1/4 S26, T17S, R2E, MD 10-04-60	---	---	Apr. - Nov. 30 \geq 1 cfs or the n.f. whenever flow is less than above, at the point of diversion
T08.00-2	Unnamed Spring 24686 L11174	SE1/4 of NW1/4 S14, T24S, R5E, MD 09-11-74	---	---	Apr. 1 - Oct. 30 bypass a minimum of 500 gal. per day or all streamflow if less than this amount

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
T08.00-3	N. F. Partington Creek	NW1/4 of NE1/4 S13, T20S, T2E, MD	---	---	0.03 cfs or n.f. (if less) must reach confluence with Partington Creek all year round
	23114	03-19-76	---	G. G. Healy, The Sur Co., et al	
T09.H1-2	S. F. San Antonio River	NW1/4 of SE1/4 S34, T21S, R5E, MD SW1/4 of NE1/4 S35, T21S, R5E, MD	---	---	Apr. 1 - May 31 \geq 5 cfs June 1 - Nov. 30 \geq 0.5 cfs or the n.f., whenever flow is less than above, at the points of diversion
	18213	07-10-58	---	Hidden River Ranch	
	L08766				

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - T1000 - ESTERO BAY					
T10.A3-1	San Simeon Creek (Underflow) 25002	NE1/4 of SE1/4 S9, T27S, R8E, MD 05-09-78	----	----- Cambria Community Services District	Shall maintain water levels in the lower basin to sustain streamflow to the lagoon at the mouth of San Simeon Creek
T10.A7-1	Old Creek 17116	S34, T28S, R10E, MD 10-00-67	----	Whale Rock Reservoir Cal State Polytechnic University	No release - minimum pool 2000 AF
T10.A7-2	S. F. Santa Rita Creek 23703	NW1/4 of NW1/4 S16, T28S, R11E, MD SW1/4 of NW1/4 S16, T28S, R11E, MD 07-02-71	----	----- Mary Alice Baldwin	At all times bypass \geq 1 cfs or the n.f., whenever flow is less than above, at the point of diversion
T10.A8-1	Toro Creek 17292 L10497	NW1/4 of NE1/4 S27, T28S, R11E, MD 07-10-74	----	----- John Borg	Dec. 1 - May 1 \geq 2 cfs or the n.f., below proposed diversion point
T10.B2-1	Chorro Creek 16757 L07844	S9, T30S, R12E, MD 05-22-58	----	----- California National Guard	1 cfs if inflow \geq 2 cfs .5 cfs if inflow $<$ 2 cfs

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Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date	FERC Project Number	Water Rights Applicant	
	License Number				
T10.B4-1	Davenport Creek	SW1/4 of SE1/4 S14, T31S, R12E, MD	---	---	Dec. 1 - Mar. 31 \geq 60 gal./min. or n.f. whenever flow is less than above
	24914	07-30-80	---	Cornelius M. Deasy	
T10.B6-1	West Corral de Piedra Creek	NE1/4 of NE1/4 S4, T31S, R13E, MD	---	---	Dec. 1 - May 31 \geq 1.5 cfs or the n.f. whenever flow is less than above, below the point of diversion
	22704	09-07-67	---	Ernest Righetti	
T10.C1-1	Arroyo Grande Creek	S33, T31S, R14E, MD	---	Lopez Project	Fish barrier and trapping facility agreements
	18375	07-02-62	---	San Luis Obispo County F.C.W.C.D.	

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - T1400 - SANTA YNEZ					
T14.A0-1	Santa Ynez River 23960	NE1/4 of SW1/4 S35, T7N, R34W, SB 09-22-78	---	--- Santa Ynez River W.C.D.	Diversion only when flow is ≥ 1 cfs or n.f. where flow is less than above

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC BASIN - W0000 - SOUTH LAHONTAN					
HYDROLOGIC UNIT - W0100 - MONO					
W01.00-1	Reversed Creek 26192	SE1/4 of NE1/4 S21, T2S, R26E, MD 01-31-80	---	Williams Tract Co. Water Dist.	Comply with Fish and Game Code Sections 5946 and 5937 and release 2000 gpd
HYDROLOGIC UNIT - W0300 - OWENS					
W03.A0-1	Twin Lakes Waterfall 25368	S9, T4S, R27E, MD 09-30-77	---	Mammoth County Water District	June 1 - Aug. 10 3 cfs min. flow Aug. 11 - Oct. 31 2 cfs min. flow Under drought conditions night time flows may be reduced, but not eliminated to maintain daytime flow
W03.A0-2	Mammoth Creek Twin Lakes to Valentine Botanical Area 25368	S9, T4S, T27E, MD 09-30-77	---	Mammoth County Water District	Maintain 3 cfs min. flow all year long

Identity Number	Stream Name	Location	FERC Project Number	Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number	Agreement Date		Water Rights Applicant	
W03.A0-3	Mammoth Creek	S10, T4S, T27E, MD	---	Mammoth County Water District	Comply with Fish and Game Code Section 5937 mean monthly flow at Hwy 395 to be maintained as follows insofar as natural flows and MCWD control permits: Jan. 5 cfs May 25 cfs Sept. 6 cfs Feb. 5 cfs June 40 cfs Oct. 6 cfs Mar. 5 cfs July 25 cfs Nov. 6 cfs Apr. 10 cfs Aug. 10 cfs Dec. 6 cfs Minimum daily flow of 4 cfs. Any artificial stream augmentation below Old Mammoth Road will not be considered as part of the mean monthly or minimum daily flows above
	Old Mammoth Rd to Hwy 395	02-27-78		---	
	25368				
W03.A0-4	Mammoth Creek between Lake Mary & Lake Mamie	NW1/4 of NW1/4 S16, T4S, R27E, MD	---	Mammoth County Water District	June 1 - Nov. 1 1.5 cfs or n.f.
		09-30-77			
	25368				
W03.B0-1	Owens River	S24, T6S, R31E, MD	---	Pleasant Valley Dam	75 cfs
		04-00-61			
	17400				
	L09782				
W03.B0-2	Birch Creek	SW1/4 of NW1/4 S19, T10S, R34E, MD	---	Baxton Ranch	At all times bypass > 1.5 cfs or the n.f., whenever flow is less than above, at the point of diversion
		04-29-64			
	20545				

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Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
W03.B0-3	Rock Creek 3850 L09783	NE1/4 of NE1/4 S32, T4S, R30E, MD 02-15-24	---	--- City of Los Angeles Department of Water and Power	Jan. - Mar. > 15 cfs Apr. > 20 cfs May > 22 cfs June > 25 cfs July > 25 cfs August > 22 cfs Sept. - Dec. > 15 cfs or the n.f. whenever flow is less than above
W03.B0-4	Plute Creek 26150	SE1/4 of SE1/4 S13, T5S, R33E, MD 12-20-79	---	--- HI-Head Hydro, Inc.	Comply with Fish and Game Code Section 5937
HYDROLOGIC UNIT - W200 - BALLARAT					
W20.F0-1	Unnamed Spring Trib. to Revenue Canyon 21438 L09195	NE1/4 of NE1/4 S32, T20S, R42E, MD 08-20-63	---	--- Stauffer Chemical Company	Maintain at intake structure a bypass pipe which shall maintain a minimum flow of 1 gallon per hour of water for wildlife use. Said water shall be stored in a catchment basin of at least 20-gallon capacity and shall be available to wildlife at all times
W20.F0-2	Panamint Valley 22461 L9238	SE1/4 of NE1/4 S35, T21S, R42E, MD 05-11-66	---	--- Gossett, Bill, Jr. Pomykata, Martin	Maintain a watering facility for wildlife at the point of diversion in a manner whereby 100 gallons of water will be made available to wildlife at all times

Identity Number	Stream Name Water Rights Application Number License Number	Location Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	Minimum Instream Flows Under Agreement
HYDROLOGIC UNIT - W2800 - MOJAVE					
W28-B0-1	Little Bear Creek	SE1/4 of NW1/4 S14 T2N, R3W, SB		New Lake Arrowhead Dam	At all times release into stream channel immediately below the dam a minimum of 0.3 cfs
	25185	10-26-76	---	San Bernardino Service Area #70	
	L11125				

Identity Number	Stream Name	Location		300		Minimum Instream Flows Under Agreement
	Water Rights Application Number	Location	Agreement Date	FERC Project Number	Diversion Name Water Rights Applicant	
HYDROLOGIC UNIT - X0100 - LUCERN LAKE						
X01.00-1	Furnace Canyon	NE1/4 of NE1/4 S7, T3N, R1E, SB	---	---	---	No water shall be diverted unless sufficient flow of water is provided at all times to maintain an open concrete basin of not less than 50 gallons capacity of a design satisfactory to the CDFG for use by wildlife
	23621	05-24-71	---	---	Pfizer, Inc.	
HYDROLOGIC UNIT - X1900 - WHITEWATER						
X19.07-1	Andreas Creek	SE1/4 of NE1/4 S9, T5S, R4E, SB	---	---	---	At all times bypass \geq 1 cfs or n.f., whenever flow is less than above, past the point of diversion
	14433	08-17-51	---	---	Andreas Canyon Club	
	L07054					
HYDROLOGIC UNIT - X2200 - ANZA BORREGO						
X22.F1-1	Canebrake Creek	SW1/4 of NE1/4 S4, T15S, T7E, SB	---	---	---	For the proposed wildlife preservation, make available 100 gallons of water at the point of diversion
	22539	11-29-67	---	---	Canebrake County Water District	
HYDROLOGIC UNIT - Y0200 - SAN JACINTO VALLEY						
Y02.B1-1	Unnamed Spring Trib. to Poppet Creek	SE1/4 of NW1/4 S11, T4S, R1E, SB	---	---	---	Shall maintain a wildlife watering device Fish and Game at or near point of diversion. Water device shall have a capacity of 20 gallons and shall be kept full at all times
	23118	08-28-68	---	---	Ivy May Dawson	
	L10322					

Identity Number	Stream Name	Location		Diversion Name	Minimum Instream Flows Under Agreement
	Water Rights Application Number License Number	Agreement Date	FERC Project Number	Water Rights Applicant	
Y02.B1-2	Strawberry Creek	SW1/4 of NE1/4 S5, T5S, R3E, SB	---	---	At all times \geq 1 cfs or n.f. whenever flow is less than above, when diverting to storage
	12340	12-17-54	---	Fern Valley Mutual Water Co.	
HYDROLOGIC UNIT - Z0100 - SAN JUAN					
Z01.B0-1	Hot Springs Creek	NE1/4 of SW1/4 S33, T6S, R6W, SB	---	---	Maintain a concrete watering trough of 10 gal. capacity, to be kept full at all times, near point of diversion, except when there is no natural flow, for wildlife
	22372	01-27-66	---	Robert L. Ellis	
	L09019				

CONVERSION FACTORS

Quantity	To Convert from Metric Unit	To Customary Unit	Multiply Metric Unit By	To Convert to Metric Unit Multiply Customary Unit By
Length	millimetres (mm)	inches (in)	0.03937	25.4
	centimetres (cm) for snow depth	inches (in)	0.3937	2.54
	metres (m)	feet (ft)	3.2808	0.3048
	kilometres (km)	miles (mi)	0.62139	1.6093
Area	square millimetres (mm ²)	square inches (in ²)	0.00155	645.16
	square metres (m ²)	square feet (ft ²)	10.764	0.092903
	hectares (ha)	acres (ac)	2.4710	0.40469
	square kilometres (km ²)	square miles (mi ²)	0.3861	2.590
Volume	litres (L)	gallons (gal)	0.26417	3.7854
	megalitres	million gallons (10 ⁶ gal)	0.26417	3.7854
	cubic metres (m ³)	cubic feet (ft ³)	35.315	0.028317
	cubic metres (m ³)	cubic yards (yd ³)	1.308	0.76455
	cubic dekametres (dam ³)	acre-feet (ac-ft)	0.8107	1.2335
Flow	cubic metres per second (m ³ /s)	cubic feet per second (ft ³ /s)	35.315	0.028317
	litres per minute (L/min)	gallons per minute (gal/min)	0.26417	3.7854
	litres per day (L/day)	gallons per day (gal/day)	0.26417	3.7854
	megalitres per day (ML/day)	million gallons per day (mgd)	0.26417	3.7854
	cubic dekametres per day (dam ³ /day)	acre-feet per day (ac-ft/day)	0.8107	1.2335
Mass	kilograms (kg)	pounds (lb)	2.2046	0.45359
	megagrams (Mg)	tons (short, 2,000 lb)	1.1023	0.90718
Velocity	metres per second (m/s)	feet per second (ft/s)	3.2808	0.3048
Power	kilowatts (kW)	horsepower (hp)	1.3405	0.746
Pressure	kilopascals (kPa)	pounds per square inch (psi)	0.14505	6.8948
	kilopascals (kPa)	feet head of water	0.33456	2.989
Specific Capacity	litres per minute per metre drawdown	gallons per minute per foot drawdown	0.08052	12.419
Concentration	milligrams per litre (mg/L)	parts per million (ppm)	1.0	1.0
Electrical Conductivity	microsiemens per centimetre (uS/cm)	micromhos per centimetre	1.0	1.0
Temperature	degrees Celsius (°C)	degrees Fahrenheit (°F)	(1.8 × °C) + 32	(°F - 32) / 1.8

State of California—Resources Agency
Department of Water Resources
P.O. Box 388
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95802



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